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# PROCEEDINGS

OF THE

# SEVENTEENTH ANNUAL MEETING

OF THE

# NORTH CAROLINA

# PHARMACEUTICAL ASSOCIATION,

HELD AT

MOREHEAD CITY, JULY 22D AND 23D, 1896.

ALSO THE

CONSTITUTION, BY-LAWS, CODE OF ETHICS,
ROLL OF MEMBERS,

AND THE

STATE PHARMACY LAW, WITH LIST OF
REGISTERED PHARMACISTS.

RALEIGH, N. C.:
E. M. UZZELL, STEAM PRINTER AND BINDER.
1896.

# OFFICERS, COMMITTEES AND DELEGATES.

## 1896—1897.

## OFFICERS.

PRESIDENT.

AUGUSTUS BRADLEY, ..... BURLINGTON.

VICE-PRESIDENTS.

J. P. STEDMAN, ..... OXFORD.
W. M. YEARBY, ..... DURHAM.
J. B. SMITH, ..... LEXINGTON.

SECRETARY.

H. R. HORNE, ..... FAYETTEVILLE.

TREASURER.

A. J. COOK, ..... FAYETTEVILLE.

EXECUTIVE COMMITTEE.

E. V. HOWELL, ..... ROCKY MOUNT.
G. K. GRANTHAM, ..... DUNN.
J. W. SHEPHERD, ..... CHARLOTTE.
C. D. BRADHAM, ..... NEW BERNE.
H. R. HORNE (*ex officio*), ..... FAYETTEVILLE.

LOCAL SECRETARY.

J. H. BOBBITT, ..... RALEIGH.

## COMMITTEES.

PAPERS AND QUERIES.

C. D. BRADHAM, ..... NEW BERNE.
J. L. PRIOR, ..... RALEIGH.
W. H. McNAIR, ..... TARBORO.

TRADE INTERESTS.

MELVILLE DORSEY, ..... HENDERSON.
R. L. DIXON, ..... MILTON.
R. R. BELLAMY, ..... WILMINGTON.

LEGISLATION.

F. W. HANCOCK, ..... Oxford.
P. W. VAUGHAN, ..... Durham.
W. H. WEARN, ..... Charlotte.
V. O. THOMPSON, ..... Winston.
H. R. HORNE, ..... Fayetteville.

ADULTERATIONS.

E. V. ZOELLER, ..... Tarboro.
E. V. HOWELL, ..... Rocky Mount.
F. W. HANCOCK, ..... Oxford.

ENTERTAINMENT.

W. M. YEARBY, ..... Durham.
C. D. BRADHAM, ..... New Berne.
W. H. KING, ..... Raleigh.

REPRESENTATIVE ON COMMITTEE ON THE NATIONAL FORMULARY.

E. V. ZOELLER, ..... Tarboro.

## DELEGATES.

AMERICAN PHARMACEUTICAL ASSOCIATION.

J. Y. MacRAE, ..... Raleigh.
E. V. ZOELLER, ..... Tarboro.
W. H. KING, ..... Raleigh.
C. D. BRADHAM, ..... New Berne.
J. H. HARDIN, ..... Wilmington.

VIRGINIA PHARMACEUTICAL ASSOCIATION.

Z. V. CONYERS, ..... Greensboro.
DOANE HERRING, ..... Wilson.
T. R. HOOD, ..... Smithfield.

SOUTH CAROLINA PHARMACEUTICAL ASSOCIATION.

A. B. CATES, ..... Burlington.
W. H. WEARN, ..... Charlotte.
J. HICKS BUNTING, ..... Wilmington.

# OFFICERS OF THE ASSOCIATION

SINCE ITS ORGANIZATION.

PRESIDENTS.

| | | |
|---|---|---|
| E. M. Nadal | Wilson | 1880—1881 |
| S. J. Hinsdale | Fayetteville | 1881—1882 |
| William Simpson | Raleigh | 1882—1883 |
| W. H. Green | Wilmington | 1883—1884 |
| V. O. Thompson | Winston | 1884—1885 |
| H. R. Horne | Fayetteville | 1885—1886 |
| A. W. Rowland | Wilson | 1886—1887 |
| F. W. Hancock | New Berne | 1887—1888 |
| T. D. Crawford | Oxford | 1888—1889 |
| J. D. Croom | Maxton | 1889—1890 |
| E. V. Zoeller | Tarboro | 1890—1891 |
| W. H. Wearn | Charlotte | 1891—1892 |
| H. R. Chears | Plymouth | 1892—1893 |
| N. D. Fetzer | Concord | 1893—1894 |
| J. Hal. Bobbitt | Raleigh | 1894—1895 |
| P. W. Vaughan | Durham | 1895—1896 |

FIRST VICE-PRESIDENTS.

| | | |
|---|---|---|
| S. J. Hinsdale | Fayetteville | 1880—1881 |
| William Simpson | Raleigh | 1881—1882 |
| E. H. Meadows | New Berne | 1882—1883 |
| John H. Hill | Goldsboro | 1883—1884 |
| H. R. Horne | Fayetteville | 1884—1885 |
| A. W. Rowland | Wilson | 1885—1886 |
| F. W. Hancock | New Berne | 1886—1887 |
| T. D. Crawford | Oxford | 1887—1888 |
| J. D. Croom | Maxton | 1888—1889 |
| E. V. Zoeller | Tarboro | 1889—1890 |
| W. H. Wearn | Charlotte | 1890—1891 |
| H. R. Chears | Plymouth | 1891—1892 |
| N. D. Fetzer | Concord | 1892—1893 |
| J. Hal. Bobbitt | Raleigh | 1893—1894 |
| P. W. Vaughan | Durham | 1894—1895 |
| Augustus Bradley | Burlington | 1895—1896 |

SECOND VICE-PRESIDENTS.

| | | |
|---|---|---|
| William Simpson | Raleigh | 1880—1881 |
| E. H. Meadows | New Berne | 1881—1882 |

| | | |
|---|---|---|
| V. O. Thompson | Winston | 1882—1883 |
| V. O. Thompson | Winston | 1883—1884 |
| A. W. Rowland | Wilson | 1884—1885 |
| F. W. Hancock | New Berne | 1885—1886 |
| B. E. Sedberry | Fayetteville | 1886—1887 |
| W. C. Carmichael | Asheville | 1887—1888 |
| L. Richardson | Selma | 1888—1889 |
| W. H. Wearn | Charlotte | 1889—1890 |
| H. R. Chears | Plymouth | 1890—1891 |
| N. D. Fetzer | Concord | 1891—1892 |
| J. Hal. Bobbitt | Raleigh | 1892—1893 |
| P. W. Vaughan | Durham | 1893—1894 |
| Augustus Bradley | Raleigh | 1894—1895 |
| J. P. Stedman | Oxford | 1895—1896 |

THIRD VICE-PRESIDENTS.

| | | |
|---|---|---|
| E. H. Meadows | New Berne | 1880—1881 |
| V. O. Thompson | Winston | 1881—1882 |
| T. C. Smith | Charlotte | 1882—1883 |
| T. C. Smith | Charlotte | 1883—1884 |
| F. W. Hancock | New Berne | 1884—1885 |
| John Tull | Morganton | 1885—1886 |
| J. D. Croom | Maxton | 1886—1887 |
| W. H. Wearn | Charlotte | 1887—1888 |
| H. C. Shannon | Goldsboro | 1888—1889 |
| P. W. Vaughan | Durham | 1889—1890 |
| N. D. Fetzer | Concord | 1890—1891 |
| B. E. Sedberry | Fayetteville | 1891—1892 |
| W. G. Thomas | Louisburg | 1892—1893 |
| Augustus Bradley | Raleigh | 1893—1894 |
| R. L. Dixon | Milton | 1894—1895 |
| H. M. McDonald | LaGrange | 1895—1896 |

SECRETARIES.

| | | |
|---|---|---|
| T. C. Smith | Charlotte | 1880—1882 |
| James C. Munds | Wilmington | 1882—1887 |
| E. V. Zoeller | Tarboro | 1887—1890 |
| F. W. Hancock | Oxford | 1890—1894 |
| H. R. Horne | Fayetteville | 1894—1896 |

TREASURERS.

| | | |
|---|---|---|
| John S. Pescud | Raleigh | 1880—1882 |
| A. S. Lee | Raleigh | 1882—1891 |
| A. J. Cook | Fayetteville | 1891—1896 |

PLACES OF MEETING AND LOCAL SECRETARIES.

| | |
|---|---|
| Raleigh, 1880 | ORGANIZATION MEETING. |
| New Berne, 1881 | BUSINESS COMMITTEE. |
| Winston, 1882 | S. H. SMITH. |
| Wilmington, 1883 | JOHN H. HARDIN. |
| Charlotte, 1884 | L. R. WRISTON. |
| Greensboro, 1885 | R. G. GLENN. |
| Fayetteville, 1886 | B. E. SEDBERRY. |
| Asheville, 1887 | W. C. CARMICHAEL. |
| Goldsboro, 1888 | H. C. SHANNON. |
| Durham, 1889 | P. W. VAUGHAN. |
| Morehead City, 1890 | F. W. HANCOCK. |
| Morehead City, 1891 | R. J. GOODING. |
| Raleigh, 1892 | W. H. KING. |
| Greensboro, 1893 | F. A. BOBBITT. |
| Asheville, 1894 | W. G. SMITH. |
| Morehead City, 1895 | B. C. JONES. |
| Morehead City, 1896 | C. D. BRADHAM. |

## MEMBERS OF THE

# AMERICAN PHARMACEUTICAL ASSOCIATION

### FROM THIS STATE.

| | |
|---|---|
| Augustus Bradley, | Raleigh. |
| William Simpson, | Raleigh. |
| E. V. Zoeller, | Tarboro. |
| B. E. Sedberry, | Fayetteville. |
| W. H. Wearn, | Charlotte. |
| H. R. Horne, | Fayetteville. |
| J. H. Hardin, | Wilmington. |
| P. W. Vaughan, | Durham. |
| J. E. Parrott, | Kinston. |
| J. D. Croom, | Maxton. |
| F. W. Hancock, | Oxford. |
| Robert Simpson, | Raleigh. |
| B. W. Hunter, | Raleigh. |
| Whiteford G. Smith, | Asheville. |
| Henry R. Chears, | Plymouth. |
| J. Hal. Bobbitt, | Raleigh. |
| N. D. Fetzer, | Concord. |
| B. W. Hargrove, | Wilson. |
| D. D. Johnson, | Concord. |
| John Y. MacRae, | Raleigh. |
| R. S. Mebane, | Greensboro. |
| W. W. Parker, | Henderson. |
| O. M. Royster, | Hickory. |
| F. T. Smith, | Franklin. |
| David Way, | Waynesville. |
| W. M. Yearby, | Durham. |
| J. D. Lisle, | Grangeville. |
| T. R. Southerland, | Wilmington. |

## MEMBERS ELECTED

AT THE

## SEVENTEENTH ANNUAL MEETING.

David Way, ..... Waynesville.
John W. Shepherd, ..... Charlotte.
Allen Lee, ..... Fayetteville.

## MEMBERS IN ATTENDANCE

AT THE

# SEVENTEENTH ANNUAL MEETING,

MOREHEAD CITY, JULY 22, 1896.

| | |
|---|---|
| AUGUSTUS BRADLEY, PH. G., | Raleigh. |
| C. D. BRADHAM, | New Berne. |
| J. HAL. BOBBITT, | Raleigh. |
| A. J. COOK, | Fayetteville. |
| N. D. FETZER, | Concord. |
| GEORGE K. GRANTHAM, | Dunn. |
| F. W. HANCOCK, | Oxford. |
| H. R. HORNE, | Fayetteville. |
| E. V. HOWELL, PH. G., | Rocky Mount. |
| ALLEN LEE, | Fayetteville. |
| JACKSON L. PRIOR, | Raleigh. |
| JOHN W. SHEPHERD, PH. G., | Charlotte. |
| WILLIAM SIMPSON | Raleigh. |
| JOHN F. SPRAGUE, | Morganton. |
| J. B. SMITH, | Lexington. |
| JOHN P. STEDMAN, | Oxford. |
| P. W. VAUGHAN, PH. G., | Durham. |
| W. H. WEARN, | Charlotte. |
| WILLIAM M. YEARBY, | Durham. |
| EDWARD V. ZOELLER, PH. G., | Tarboro. |

# MINUTES

OF THE

# SEVENTEENTH ANNUAL MEETING.

## FIRST SESSION.

WEDNESDAY MORNING, July 22, 1896.

The North Carolina Parmaceutical Association met in Teachers' Assembly Hall, Morehead City, and was called to order by the President, P. W. Vaughan, of Durham, at 11 o'clock.

The divine blessing was invoked upon the Association and its deliberations by Rev. J. T. Jenkins, of the Baptist Church.

The President then introduced Mayor McIntyre, who extended to the Association a most cordial welcome on behalf of Morehead City.

Mr. Bradley, having been called upon by the President, responded in appropriate terms to the address of welcome.

The Secretary called the roll, and there being a quorum present, the President declared the Association ready for business.

The reading of the minutes of the last meeting being declared next in order, Mr. Hancock moved that it be dispensed with, and that the records as published in the Proceedings be approved.

Motion seconded and carried.

The Secretary stated that several members of the Executive Committee were not present, and moved that the President appoint others to take their places.

Motion adopted.

The President appointed Mr. Hancock, Mr. Bradham and Mr. Grantham.

Having called Vice-President Bradley to the chair, the President read his Annual Address as follows:

*Fellow-members of the North Carolina Pharmaceutical Association:*

The whirligig of time has again brought us to the annual convention of the pharmacists of North Carolina. Seventeen years ago, at the call of a few, one of whom was the lamented E. M. Nadal, about thirty-five pharmacists from different sections of the State assembled in the Senate Chamber in the city of Raleigh, and organized this august body, the North Carolina Pharmaceutical Association. Since that time we have met in different sections, till we have been in nearly every large town in the State. To-day we meet for the fourth time in Morehead City, the seaside resort of the Carolinas. Our sojourns here have always been of the most pleasant nature. An evidence of that fact is our meeting here two years in succession more than once.

It is with pleasure that I greet so many of my fellow-members at this convention. I regret very much that there are not more present from the central and Blue Ridge section. This is accounted for by reason of the loss of time that would be necessarily consumed by the members in making the trip. While we miss from their places many familiar faces that we are accustomed to see, and very much regret their absence, yet the large increase of new members which we hope to have added to our membership will, I hope, make our meeting both pleasant and profitable.

It has been the custom of my worthy predecessors to present an address on the general work and condition of our Association and to suggest plans and methods that will be beneficial to us individually and as an association; it therefore devolves upon me as your presiding officer to submit problems for solution that now confront us, which we must inevitably meet. We cannot have fair sailing all the time. We may expect to come in contact with obstacles, and the problems confronting us may be difficult to solve, yet I am satisfied that the sterling worth and intellect of the members of the Association will overcome them all and solve the most difficult problems for the advancement and elevation of Pharmacy in North Carolina.

Our Association has not accomplished all that we have desired, yet we can report progress.

There is a great lack of interest manifested in our Association by many of our members. This should not be. We should have the hearty support and earnest co-operation of the entire membership. Every registered pharmacist in the State should be an active member and lend his presence at our annual meetings. Special efforts should be made to induce

others to join. We must not be satisfied until we have enrolled every white reputable registered pharmacist in North Carolina. Then, and not till then, will we be able to accomplish all we want. There should be harmonious work on the part of the membership of our organization.

I need not call your attention to the free alcohol question, for you all well know that at its last session the great American Congress wiped out free alcohol as far as the arts and sciences are concerned. This is about the only thing they did which interests our profession, and I am almost persuaded to go on record as agreeing with them, as I am not in favor of selling essence of lemon, etc., at ten cents a pint.

### LOCAL ORGANIZATION.

Gentlemen of the Association, I cannot too strongly speak to you on local organization, and this should be a feeder to the State Association. There should be an organization in every town in the State, even if there are only two members in the town. This should be done not only to prevent cutting in prices alone, but other questions of interest to the profession are continually springing up, which can be easily settled at the meetings. We can be of great benefit to each other if we work in harmony and pull together. Goods can be bought in larger quantities, and thereby save an extra discount, which at the end of the year will amount to quite an item.

### THE A. PH. A.

I desire to call the attention of the members of this Association to the A. Ph. A. Every member of this body should be an active member of it. While the association seems to be a convention of scientific men and professors of colleges rather than of ordinary pharmacists, yet they are doing good work. We may not be fortunate enough to attend their meetings, yet the proceedings contain a vast amount of information for the busy and closely confined pharmacist. The report on the progress of pharmacy by Prof. Henry Kramer is alone worth the annual dues. I notice on looking over the roll of registered pharmacists in North Carolina that only thirty-two out of a membership of over four hundred and fifty are members of the A. Ph. A.

I do not mean to offer any unfavorable criticism in regard to the A. Ph. A. when I say that it is composed of scientific men, but I do say that at their annual meetings various papers are read and subjects discussed uninteresting to the average druggist.

I cannot impress upon our members too forcibly the necessity of presenting papers, specially those of a practical nature, to be read and discussed at our annual meetings. This is one of the most interesting features connected with the meetings. We are very deficient in this respect. At our last convention there were only two papers presented. This should never occur again. Out of a membership of over one hundred and fifty it

does seem to me that ten per cent. should present some paper on some practical subject which will make our meetings more interesting. We should exchange ideas more which would mutually benefit each other.

THE CUTTER.

Price-cutting has grown to such an extent in recent years that there is cause for serious alarm. Many remedies have been prescribed, many plans have been formulated and put into execution, but none seem to avail much, till to-day nearly every plan or suggestion has been abandoned. Heroic measures will have to be adopted before the desired result can be accomplished. This is a perplexing question, and demands immediate consideration.

The cutter is not satisfied to remain in our country, but he has invaded the realms of foreign countries. The drug business in France and other foreign countries is in a precarious condition. I am not an alarmist, but the exigences of the case demand that something be done, and that quickly, to meet the problem that confronts us.

I believe this Association should go on record and show to the patent medicine manufacturers, and other proprietary dealers, that we do not belong to them. They will come to a town and scatter a few almanacs and circulars around, and then, as they express it, "work the doctor," and load you up with their nostrums. I am glad that the members of the medical profession are waking up to a realization of these conditions, and I believe that such a thing as "working the doctor" will, in the near future, be a thing of the past; the dignity of the profession demands it.

I am not an advocate of engaging in the manufacture of patent medicines, but if there can be no other remedy I am in favor of making a line of standard medicines and putting them on the market and pushing them for all they are worth. If every association in this country were to adopt measures of this kind patent medicines would be swept from our shelves. This idea has been in the writer's mind for some time, but the time for expression had not presented itself until now.

I see from journals of recent date that other associations are asserting their independence on this question. I see that in the city of Louisville the Interstate Pharmacal Company has been incorporated for the purpose of manufacturing and selling patent medicines. The stockholders include one hundred and twenty-nine druggists, there being four hundred shares of stock at ten dollars each. Some heroic measures will have to be taken. A bright day is dawning. I see the light breaking in the distant horizon, and the bright noonday of returning prosperity will soon reach its zenith.

A few passing remarks in regard to the metric system is all that is necessary. The U. S. P. having adopted that system, it is only necessary to

secure the necessary weights and measures. Other advanced nations of the earth have adopted this system. England and the United States were about the last of the important nations to adopt it. As I said, it is only necessary to keep full sets of weights and measures in our dispensing and manufacturing departments and do away with the somewhat difficult and troublesome practice of reducing the metric system to the ordinary weights and measures now in use.

NATIONAL FORMULARY.

The National Formulary should be in the hands of not only every druggist, but of every physician as well. At a recent meeting of the Louisiana Pharmaceutical Association they discussed and approved a proposition to purchase 1,000 copies of this work, to be divided among the members in such numbers as they desire to take, to be distributed to physicians. This is an excellent idea, and worthy of imitation. This, I believe, is the only way which will insure each physician having one. I do not recommend that this Association buy and distribute them, but I urge upon each local druggist or organization the necessity of adopting a similar plan. Physicians are not sufficiently acquainted with this work, and the sooner they know it just so soon will they begin to prescribe its preparations—this, its sole purpose. The expense entailed on each druggist for distribution of the work would be small and great results would follow.

I would call your attention next to the hospital steward in the Army and Navy, whose rank is about the same as a butler or dish-washer in a hospital, and who is frequently spoken of as the steward, and, as Mr. Philip F. Erck says, he may be confounded "with the gentleman of color" who attends the wants of officers and passengers on a Mississippi river steam-boat. The hospital steward should forever cease to be known in the Army and Navy, but should be warrant officers, and their pay should be commensurate with their duties, rank and station. I am glad to see that the pharmacists of this country are waking up to a realization of this injustice to our profession, and that strenuous efforts are being made to bring about the much-desired results. We have lived in the age of steam; we are now living in the electric age and just entering the age of synthesis. Synthetic chemistry promises to the waiting world many wonders yet unheard of; she has given to us many seeming impossibilities, and still she is in her infancy. Coal-tar seems to be the home of the chemist; out of it he can evolve almost anything he desires. Analysis must forever be the favorite study, for the selection and testing of medicines are our most important duty. The last year has witnessed great development in chemical research and electric science; it is entirely beyond the human mind to foretell the possibilities of the future.

Since our last annual convention death has invaded our ranks and taken from us Mr. E. M. Nadal, of Wilson, an honored and charter member of this Association, who was very active in its organization; Mr. J. V. Jordan, of New Berne, and Mr. B. C. Jones, of Morehead City. Suitable obituary notices will be prepared and spread on the minutes of this Association.

In conclusion, I desire to thank you for the great honor of presiding over your deliberations. It will be my great desire to serve you acceptably, and with justice and impartiality. In the discharge of that duty I ask your indulgence. I hope our meetings will be pleasant, profitable and harmonious, and that we can carry home with us many pleasant recollections of the Seventeenth Annual Meeting of the North Carolina Pharmaceutical Association.

Mr. Bobbitt moved that a committee of three be appointed to take into consideration the recommendations contained in the President's address, and report thereon at a subsequent session.

Motion seconded and adopted.

The chairman appointed Mr. Bobbitt, Mr. Stedman and Mr. N. D. Fetzer.

The President resumed the chair.

The Secretary read his annual report as follows:

*To the Officers and Members of the North Carolina Pharmaceutical Association:*

GENTLEMEN:—In accordance with the action of the Association, recommended in the report of the Committee on Trade Interests at our last meeting, I addressed, on July 15th, 1895, a circular card to members of the Association, who were proprietors, setting forth the scheme for disposing of unsalable articles. Thus far only two responses have been received with memorandums of dead stock and the accompanying fees of twenty-five cents. As the amount received was inadequate to defray the expense of printing and mailing a list to the members of this Association the matter was dropped and the remittances returned. It is to be regretted that so good a plan should have failed from apparent inattention.

The Association having authorized the Secretary to canvass for a limited number of advertisements, to be appended to the proceedings, immediately after your adjournment last year I began a voluminous correspondence with manufacturers, colleges of pharmacy, wholesale druggists and others, which resulted in securing advertisements amounting to one hundred and thirty dollars. This sum was more than suffi-

cient to defray the cost of printing and distributing the proceedings. I hope the members of the Association have shown their appreciation of the kindness of the advertisers and will continue to do so in the future. It is an obligation easy to fulfill, though, unfortunately, easy to forget.

The printer reduced his charge for the proceedings from $1.10 to $1 per page. The manuscript was put in his hands on July 30th, nineteen days after adjournment. The printed proceedings were received by the Secretary on August 30th, when they were immediately mailed to members of the Association, honorary members, officers of other associations, pharmaceutical journals and the advertisers

Announcements of the present meeting were issued on June 23d to registered pharmacists of the State, to colleges of pharmacy, pharmaceutical journals, various institutions of learning, leading wholesale drug firms and officers of other associations.

The expenses of the office for the past year have been as follows:

| | |
|---|---|
| Three hundred and fifty copies of Proceedings | $ 99 00 |
| Freight and drayage | 3 55 |
| Secretary's salary | 75 00 |
| Stationery and printing | 5 30 |
| Six hundred announcements | 7 00 |
| Postage | 14 94 |
| | $204 79 |

Respectfully submitted,

H. R. HORNE,
*Secretary.*

Mr. Prior moved that the report be accepted and its financial features referred to the Auditing Committee.

Motion carried.

The Treasurer, Mr. Cook, made the following report:

*To the Members of the North Carolina Pharmaceutical Association:*

GENTLEMEN:—I present the following itemized statement of my account as Treasurer for the past year:

| | RECEIPTS. | |
|---|---|---|
| 1895. July 8. | Balance on hand from last report | $149 45 |
| Sept. 10. | Received of H. R. Horne, Secretary, from advertisements in Proceedings | 99 00 |
| Oct. 17. | Received of University College of Medicine for advertisement in Proceedings | 15 00 |
| 1896. July 17. | Received of H. R. Horne, Secretary, balance for advertisements in Proceedings | 31 00 |
| | Received from initiation fees and dues | 271 00 |
| | | $565 45 |

| 1895. | | DISBURSEMENTS. | |
|---|---|---|---|
| July | 18. | Paid J. A. Worth, printing postal cards | $ 1 00 |
| | 11. | Paid E. V. Howell, Chairman Papers and Queries | 4 65 |
| | 11. | Paid telegram, greetings R. I. Association | 56 |
| | 11. | Paid Janitor of Teachers' Assembly | 3 00 |
| | 15. | Paid H. R. Horne, Secretary, salary | 75 00 |
| | 15. | Paid H. R. Horne, Secretary, on expenses of office | 19 40 |
| | 15. | Paid exchange on drafts | 1 00 |
| | 15. | Paid exchange on drafts | 3 55 |
| | 31. | Paid A. J. Cook, Treasurer, salary | 50 00 |
| Sept. | 10. | Paid E. M. Uzzell, for Proceedings and express | 99 25 |
| 1896. | | | |
| Mar. | 7. | Paid freight and drayage on certificates | 50 |
| | 12. | Paid Lehman & Bolton on certificates | 50 00 |
| May | 9. | Paid J. A Steel, filling in six certificates | 1 50 |
| | 9. | Paid exchange on drafts | 20 |
| June | 13. | Paid stamps used during the year | 4 15 |
| | 19. | Paid draft, Cook | 35 |
| | 24. | Paid Fayetteville Printing Co. for envelopes for Sec'y, | 75 |
| | 26. | Paid 600 announcements and envelopes | 7 00 |
| July | 17. | Paid Secretary's expenses for year | 23 04 |
| | 20. | Paid exchange on drafts | 3 40 |
| | 20. | By cash on hand to balance | 217 15 |
| | | | $565 45 |

Respectfully submitted,

A. J. COOK,
*Treasurer.*

On motion of Mr. Hancock the report was referred to the Auditing Committee.

The President announced as the Auditing Committee for this meeting Mr. Prior, Mr. Sprague and Mr. J. B. Smith.

The Secretary stated that there were present some visiting pharmacists from the State of Virginia, whom he knew the Association would be glad to welcome to this meeting, and moved that the privileges of the floor be tendered to Mr. T. W. Chelf and Mr. Josiah Vaughan.

The motion was unanimously adopted.

In a few well chosen words these gentlemen expressed their appreciation of the cordial reception.

Mr. Wearn, chairman of Committee on Papers and

Queries, presented the following report, which, in the form of a circular, had been addressed to each member of the Association:

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION.

COMMITTEE ON QUERIES AND PAPERS.

SEVENTEENTH ANNUAL MEETING TO BE HELD AT MOREHEAD CITY, N. C., JULY, 1896.

*To the Members of the North Carolina Pharmaceutical Association:*

It is earnestly hoped that the queries presented will be of sufficient interest to elicit a reply to each. With this end in view, your Committee has labored diligently, and believe we have succeeded in presenting a series of queries, each of which must have, at sometime, received serious study and practical work from some of you, if mastered. To those of you who have, we ask to embody your experience in a paper; and to those who have not, we ask to go to work and endeavor to do likewise, and report results at our next annual meeting.

We would also call especial attention to the Dispensatory, donated as a prize to the Association by our esteemed friends, Messrs. Muth Bros. & Co., Baltimore, Md., to be awarded to the member writing the most meritorious paper at this our seventeenth annual meeting.

We hope to see this stimulate a spirit of competition, which necessarily must be productive of practical research and investigation.

Finally, we urge each of you to present a paper written either in response to queries, or upon such subjects as you may select, and that you will present such queries as you may desire to have the Association consider in their next series of Queries and Papers.

W. H. WEARN, *Chairman*,
CHARLOTTE, N. C.

E. V. HOWELL,
ROCKY MOUNT, N. C.

C. A. RAYSOR,
ASHEVILLE, N. C.

## QUERIES AND PAPERS.

1. Decd. Tinct. Opii U. S. P. precipitates a large proportion of its extractive matter upon standing. What is the cause and nature of this precipitate?

2. Does the U. S. P. formula for Spts. Ammon. Aro. produce a satisfactory product of required strength and pharmaceutical elegance?

3. Is the present U. S. P. formula for Linimentum Terebinthinæ a desirable one? If not, present a better.

4. Present a formula that will yield a permanent Unguent Hydrarg. Nit. of U. S. P. strength.

5. Are the Powdered Extracts physically able to retain their active medicinal constituents unaffected by decomposing influences?

6. To what extent are Belladonna, Hyoscyamus and Digitalis leaves injured by the sunlight which has exerted its dechlorophyllizing influence upon them?

7. "Balsam Cucumber" has a household reputation as an anti-spasmodic, etc. Give its botanical identity and classification; determine its medicinal principles, and best method for preparing same.

8. Test purity of Iodide Potash of Commerce.

9. Test purity of Subnit. Bismuth of Commerce.

10. Give formula for a good, cheap paste that will keep.

11. Give formula for a paste that will adhere to tin.

12. Many private ℞ of eminent medical writers are published in medical journals and prescribed by physicians by the author's name. Present such formula.

13. What formulas do you desire?

14. Present a list of such drugs, as you have had demands for, unknown to you and not given in the text-books.

15. Give glossary of U. S. P. drugs of same common name with botanical classification, etc.

16. Which formula yields the most satisfactory Tinct. Strophanthus, that of the U. S. P. or the N. F.?

17. Is sufficient importance attached to the purity of water used in manufacturing pharmaceutical preparations?

18. Codeine is liable to contamination with morphine. Test its purity.

19. Do you know of a better preservative for lard than Benzoin? If so, report, with manipulation.

20. Write essay on how to conduct a drug business and make it profitable.

21. Write a paper on preparation of Oleic Acid and its compounds.

22. Should a drug business be divided into two classes, Strict Pharmacy and General Stock?

23. Give per cent. of ℞ dispensed from proprietary medicines, or of special manufacture, from your ℞ book, from the year 1885 to 1896, with the average increase or decrease.

24. What is the best method to pursue in order to secure the adoption and employment of the National Formulary by physicians and druggists?

25. Present a method for the preservation of drugs usually attacked by insects, etc.

26. How can fungoid growths be prevented from growing in aqueous solutions?

27. Are we, as pharmacists, keeping pace with the standard to which the medical profession has elevated itself in this State?

28. Present formula for preparing a good disinfectant.

29. What is the value of the disinfectants now in use?

Mr. Hancock moved that the Secretary be instructed to wire greetings to the Virginia Pharmaceutial Association in session at Hampton.

Motion unanimously adopted.

The Committee on Adulterations, through its chairman, Mr. William Simpson, made a verbal report.

The resignation of Mr. O. M. Royster, occasioned by ill health, was read and accepted.

On motion of Mr. Fetzer, by a unanimous vote, Mr. Royster was elected an honorary member of the Association.

The following communication was read from the Druggists' Association of Raleigh:

*The North Carolina Pharmaceutical Association, Morehead City, N. C.:*

GENTLEMEN:—At a meeting of the Druggists Association of Raleigh, Thursday, July 16th, 1896, the following resolutions were passed and ordered forwarded to the North Carolina Pharmaceutical Association at its meeting in Morehead City, July 22d, 1896, with the urgent request that action be taken upon the subjects set forth:

*Resolved 1.* That the four *per centum* tax on drugs and seeds, known as license tax, is unjust, and we ask the North Carolina Pharmaceutical Association to take such action as will insure the same being stricken out or omitted from the revenue act by the next Legislature.

2. That the present law establishing one grade of Licentiates in Pharmacy is inadequate and unsatisfactory, and we urge the necessity for an amended law establishing two grades of Licentiates, one grade for assistants, requiring two years' experience and a corresponding amount of technical knowledge; the other for managers, requiring four years' experience and a higher degree of knowledge.

3. That we call the attention of the North Carolina Pharmaceutical Association to the fact that the law restricting the sale of poisons to licensed druggists is being habitually disregarded by general store-keepers (especially that part requesting the sale of laudanum and morphine), and suggest that it is the duty of the Association to take some action to enforce the same.

Respectfully submitted,
THE DRUGGISTS' ASSOCIATION OF RALEIGH,
HENRY T. HICKS, *President.*
B. W. HUNTER, *Secretary.*

Mr. Fetzer moved that the communication be placed in the hands of the Committee on Legislation, with the request to carry out its suggestions as far as it shall deem practicable and expedient.

Motion seconded and carried.

A letter was read by the Secretary from Muth Bros. & Co., of Baltimore, tendering to the Association a Dispensatory as a prize to be awarded for the most meritorious paper read at this meeting.

The thanks of the Association were voted to Muth Bros. & Co. for their very acceptable donation.

On motion of Mr. Stedman, the meeting adjourned to 10 o'clock A. M. to-morrow.

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SECOND SESSION.

THURSDAY MORNING, July 23, 1896.

The Association was called to order by President Vaughan at 10 o'clock.

The minutes of the previous session were read and approved.

A telegram was read from the "Meyer Bros. Druggist," expressing best wishes for a profitable and pleasant meeting.

The following applicants for membership were reported and recommended by the Executive Committee: David Way, John W. Shepherd and Allen Lee.

Mr. Cook moved that the Secretary be instructed to cast the vote of the Association for the above candidates.

Motion adopted and the applicants declared elected.

Mr. Howell read a paper entitled "Guaiacol."

On motion of Mr. Yearby, it was ordered to take the usual course for publication. (See Papers).

Mr. Stedman, chairman of Committee on Trade Interests, made the following report, which, after discussion, was adopted:

*To the Members of the North Carolina Pharmaceutical Association:*

Your Committee on Trade Interests beg leave for the present to submit the following business suggestion:

The pharmacist, while a professional man, should not lose sight of the fact that he is also a merchant. He has as much right, legally and morally, to sell any article as any man in any other business. We must realize facts. We are in business for the same reasons that men engage in other pursuits.

We must make enough to pay for goods and meet necessary expenses, and endeavor to lay by something for our families and our old age.

North Carolina towns are small, and the sale of drugs and medicines only, in many places, is not of sufficient volume to yield adequate profits for our support.

There are side lines that in no way conflict with the conduct of a pharmacy; many of them add to the attractions of a place; these should be put in and pushed; they yield good profits and go a long way on the right side of a loss and gain account. Each druggist must decide for himself what he can handle to advantage. Let him ascertain what the people want in his locality, put it in stock and sell as cheaply as any one else, and the public will soon be convinced that his store is the proper place to have their wants supplied.

J. P. STEDMAN,
*Chairman.*

Mr. Hancock, for the Executive Committee, submitted the following report:

*To the Officers and Members of the North Carolina Pharmaceutical Association:*

GENTLEMEN:—The proceedings of the last meeting of our Association were nicely gotten up and promptly mailed to each member of the Association by our very efficient Secretary.

Death has again entered our ranks and taken from it some of our most efficient members. We regret to have to announce their names, as follows: E. M. Nadal, of Wilson; J. V. Jordan, of New Berne, and B. C. Jones, of Morehead City.

We recommend that suitable obituaries of each be placed in our next proceedings.

We have on the roll one hundred and sixty-three active members.

We have reported three applications for membership.

Respectfully submitted,

F. W. HANCOCK,
G. K. GRANTHAM,
E. V. HOWELL,
C. D. BRADHAM,
*Committee.*

On motion, the report was adopted.

The Committee on the President's Address presented the following:

*Mr. President and Gentlemen of the North Carolina Pharmaceutical Association:*

Your Committee on President Vaughan's admirable address respectfully beg leave to report as follows:

The suggestions and recommendations therein contained are in a general way timely and highly worthy of our serious consideration. Specifically, we are confronted with no more important subject for consideration than the question of local organization, for in unity there is strength.

Members will do well to connect themselves with the American Pharmaceutical Association, as urged by the President.

While your Committee fully realize the dangers and evils that beset us in consequence of the cut rates that prevail in some sections of the State, we are of the opinion that it is not expedient for us as a State Organization to antagonize the wholesalers and manufacturers, believing that they are not alone responsible for the existence of this thorn in the flesh in our midst. However, we condemn the cutter most heartily.

The remarks of the President on the metric system are opportune, and should be heeded by all the members of this Association.

The recommendation to purchase a number of copies of the National Formulary, we believe, is a step in the right direction, and that the best results would probably be secured if this plan should be operated by the various local societies.

We endorse most heartily the remarks pertaining to the position of hospital steward in the Army and Navy. And we rejoice with him in noting the general advancement of Chemistry and Pharmacy.

J. H. BOBBITT,
F. W. HANCOCK,
N. D. FETZER,
*Committee.*

A motion to adopt the above was carried.

Mr. Zoeller, representative on Committee on National Formulary, expressed regret at having been prevented from making an elaborate report. He made a verbal report. Several members participated in the discussion which followed.

Mr. Stedman offered the following resolution, which was adopted:

*Resolved*, That a medal be awarded by the Association for the best exhibit at our next meeting of preparations made according to the National Formulary.

Mr. Prior moved that a committee of three be appointed to prepare a line of preparations according to the National Formulary, to be sent, with a descriptive circular, to the next meeting of the North Carolina Medical Society.

Carried.

The President appointed as the committee Mr. Zoeller, Mr. Howell and Mr. Bradley.

A paper entitled "Expenses in Comparison with Purchases of Drugs and Expenses in Comparison with Sales of Soda-water for a Period of Ten Years" was read by Mr. Horne.

Ordered to take the usual course for publication. (See Papers).

Mr. Stedman extended an invitation to the Association, as a body, to go on a moonlight sail at 9 P. M., which was accepted with thanks.

On motion of Mr. Hancock, a committee of three on time and place of next meeting was appointed.

Committee: Hancock, Grantham and Wearn.

Mr. Howell moved that a vote of thanks be tendered Messrs. Parke, Davis & Co. for rare specimens of drugs donated to the Association.

Motion unanimously adopted.

The committee on time and place of next meeting reported, recommending Raleigh as the place, and the second Wednesday in May as the time for the next meeting, with authority on the part of the Executive Committee to change the date if necessary.

Report adopted.

On motion of Mr. Yearby, the Association adjourned to 3 o'clock P. M.

THIRD SESSION.

THURSDAY AFTERNOON, July 23, 1896.

The meeting was called to order by Vice-President Bradley.

The minutes of the morning session were read and, approved.

A letter from Mr. Niestlie, of Wilmington, was read, and, on motion of Mr. Bobbitt, the Secretary was directed to acknowledge the receipt of it, with the thanks of the Association, and to place it in the hands of the Committee on Legislation.

Mr. Bradley vacated the chair to President Vaughan.

The following report of the Auditing Committee was adopted:

*To the Officers and Members of the North Carolina Pharmaceutical Association:*

GENTLEMEN:—We have carefully examined the reports of the Secretary and Treasurer of the Association and the report of the Secretary and Treasurer of the Board of Pharmacy, and have found them correct.

Respectfully,

J. L. PRIOR,
J. B. SMITH,
JNO. F. SPRAGUE,
*Committee.*

The following telegram was read from the Virginia Pharmaceutical Association:

HAMPTON, VA., August 23, 1896.

H. R. HORNE, *Secretary N. C. Pharmaceutical Association:*

Virginia Pharmaceutical Association reciprocates your greetings and trusts your meeting may be a pleasant one.

C. B. FLEET,
*Secretary.*

Mr. Zoeller offered an amendment to the By-Laws as follows, which was adopted by the requisite three-fourths vote:

*Resolved,* That Article 11, section 4, line 5 of the By-Laws be amended by inserting the words "within three months after their election" after

the words "They shall annually report," making the lines read: "They shall annually report within three months after their election a proper number of questions of scientific and practical interest," etc.

Mr. Yearby moved the appointment of a Committee on Entertainment for the next meeting.

Seconded and carried.

The President appointed as the committee Mr. Yearby, Mr. Bradham and Mr. W. H. King.

On motion, the Association proceeded to elect officers, with the following result:

*President*—Augustus Bradley, Burlington.

*First Vice-President*—J. P. Stedman, Oxford.

*Second Vice-President*—W. M. Yearby, Durham.

*Third Vice-President*—J. B. Smith, Lexington.

*Secretary*—H. R. Horne, Fayetteville.

*Treasurer*—A. J. Cook, Fayetteville.

*Local Secretary*—J. H. Bobbitt, Raleigh.

*Executive Committee*—E. V. Howell, Rocky Mount; G. K. Grantham, Dunn; John W. Shepherd, Charlotte; C. D. Bradham, New Berne; H. R. Horne (*ex officio*), Fayetteville.

*Member of Board of Pharmacy for five years from April 28, 1897*—E. V. Zoeller.

Mr. Fetzer moved that a committee of five be elected as the Committee on Legislation, all necessary expenses of the chairman to be borne by the Association.

Motion adopted.

The following members were elected: F. W. Hancock, Chairman, P. W. Vaughan, W. H. Wearn, V. O. Thompson and H. R. Horne.

The President appointed N. D. Fetzer and W. H. Wearn a committee to conduct the newly-elected officers to the platform. This being done, they were severally introduced by the President.

The retiring President then delivered the gavel to his

successor with a few appropriate remarks and returned thanks to the Association for the honor received at its hands.

Mr. Hancock offered the following, which was unanimously adopted:

*Resolved*, That the thanks of this Association are due and are hereby tendered to Mr. Campbell, manager of the Atlantic Hotel, for reduced rate of board while attending their meeting; also to the Teachers' Assembly for the use of their hall.

President Bradley announced that the different committees and delegations would be published in the proceedings.

On motion of Mr. Cook, the Secretary of the Board of Pharmacy was empowered to award the Muth prize.

There being no further business before the Association, on motion, it adjourned to meet again at Raleigh the second Wednesday in May, 1897. H. R. HORNE,

*Secretary.*

## OBITUARIES.

### MAJ. EDWARD MORSE NADAL

Was born at Washington, N. C., October 2, 1843, and died at Wilson, N. C., April 13, 1896.

He was one of the originators of the North Carolina Pharmaceutical Association, was its first President and member of the Examining Board for a number of years. A good man and useful citizen has gone to meet his reward.

## COLONEL JOHN VAUGHN JORDAN

Was born in Philadelphia, Pa. Died at New Berne, N. C., September 5, 1895, in the 64th year of his age.

He came to New Berne a few years before the war, married Mrs. Julia Lane and made New Berne his permanent home. He first clerked in a drug store of Mr. F. J. Hughes, whom he afterwards succeeded in the business.

When the civil war came on he promptly enlisted in the service of the Confederacy and became Colonel of the 31st North Carolina Regiment. He was in many battles, was taken prisoner at Roanoke Island, and after being exchanged was wounded at the battle of Bermuda Hundreds.

After the war he re-entered the drug business, and was regarded as one of the most competent and careful men of his profession. He was held in high esteem as a man, a neighbor and a Christian

## BENJAMIN CHARLES JONES

Was born in New Berne, N. C., July 27, 1861. Died at Morehead City, N. C., January 23, 1896.

He learned the drug business under the instruction of Mr. F. W. Hancock, who was then doing business at New Berne under the firm name of Hancock Bros. He was very quick and bright and learned very rapidly, and was one of the first young men to stand a successful examination before the State Board of Pharmacy. He was a good, kind-hearted man, and will be very much missed in his community.

# PAPERS.

## GUAIACOL.

BY E. V. HOWELL, A. B., PH. G., ROCKY MOUNT, N. C.

In the last few years the attention of the medical world has been called to the chemical product methyl-pyrocatechin or guaiacol and several of its derivatives. As to its source it may be said that it is directly or indirectly obtained from guaiac resin—tar, preferably beech tar, and kino. I obtained it from beech wood creosote by fractional distillation. The first portions distilled were rejected, and that part coming over between the temperatures of 207—210° C. was collected. This I found to be a slightly amber-colored liquid of a peculiar, penetrating odor and burning, somewhat caustic taste. In about thirty days of partial exposure to atmosphere it acquired a reddish-brown color, which was partly removed by filtration through animal charcoal. The yield obtained was about 65 per cent. by volume of the creosote used.

The chemically pure guaiacol is heavier than water sp. gr. at 15° of 1.33 and boils at 206—207° C. It may be obtained by the dry distillation of guaiac resin and synthetically prepared from pyrocatechin and methyl sulphuric acid. It has been prepared in the form of crystals, which some claim to be the pure form. These crystals are deliquescent at ordinary temperatures, and have been abandoned by some houses as an article of commerce. It is soluble in alcohol and ether, sparingly so in water.

Treated with nitric acid it gives a marked reaction with formation of reddish vapors.

With dilute nitric acid a reddish color and gummy residue.

With hydrochloric acid no reaction occurs.

Subjected to the low temperature of the freezing mixture of hydrochloric acid and sulphate of soda it became somewhat viscid but does not solidify.

Alcoholic solutions of guaiacol combined with solutions of phenacetine, solol and antipyrine produced no change in color, but with solution of spirits of nitrous ether gives a permanent brilliant red color, with no precipitate. The nature of this resulting liquid was not determined. If it possessed both the diuretic properties of the spirits of nitrous ether and the antipyretic properties of the guaiacol it would be a useful combination.

Guaiacol was originally suggested as a substitute for creosote in the

treatment of pulmonary tuberculosis, its good effects being due to the fact of forming compounds in the blood with the poisonous by-products of the tubercle bacillus, and thus aiding in their elimination from the system. The inhalation and hypodermic use of guaiacol have been abandoned. Internally it may be given in doses from 3 to 5 drops, administered in wine or milk. Highly satisfactory results have been obtained from its use in typhoid fever, for which it seems especially adapted on account of its reduction of temperature and its action on the intestinal tract. It is best applied by painting, after thorough washing, 20 to 40 drops on the abdomen, and covering with some impermeable dressing as oil-silk. Thus applied it has been known to reduce the temperature as much as six degrees without any bad effects.

Among the derivatives of guaiacol that have been used are the following: The carbonate prepared by the decomposition of guaiacol in salution of soda with carbonyl chloride. It is a crystalline powder—white, and of neutral reaction, slight odor and taste, insoluble in water and cold alcohol, soluble in ether, chloroform and benzine, slightly so in glycerrin and fixed oils. It is the best known and most used salt, and is given in doses of 4 grains, increased to 100 grains per day.

The biniodide is a reddish-brown powder, having a trace of the iodine odor, and is used as a local application.

The cinnamyl guaiacol is claimed to be of value in catarrh of the gastro-intestinal tract.

The benzoyl and salicyl guaiacol I was not able to get from Merck, and concluded they were of more theoretical than practical value.

## EXPENSES IN COMPARISON WITH PURCHASES OF DRUGS, AND EXPENSES IN COMPARISON WITH SALES OF SODA-WATER FOR A PERIOD OF TEN YEARS.

BY H. R. HORNE.

A statement, based upon actual experience, of the expenses incurred in transporting and selling a given amount of purchases of drugs, and in conducting a soda-water business, for a period of ten years, may be interesting, and possibly of some value to less experienced members of the Association. In these days of telephones, electric lights, water motors and multitudinous drug stores the irresistible tendency is towards increased expenses and reduced prices. It may then be well to give these matters careful consideration.

Seventeen years ago the old-time method of book-keeping, which did not include a cash-book (balanced daily), nor such general accounts as

"Merchandise," "Expense," "Transportation" and "Soda-water," was laid aside in my store, and a partial double-entry system adopted, which exhibited the true status of these accounts.

I am thus enabled, by referring to ledgers in use during the past ten years, to determine the average percentage of expense with reference to the amount of purchases for that period. Those who know me well, I think, will concede that while not altogether unenterprising I try to have an eye to the fitness of things, and endeavor to conduct business on business principles. Consequently, this exhibit may possibly be regarded as a fair average example for North Carolina.

I do not include in expenses any charge for my own time and labor, which, for the most part, have been given unstintedly, in season and out of season, to my store. Nor do I include interest on capital invested, nor lapses by bad debts.

The freight rates to my town, owing to water competition with two railroad lines, are comparatively low. First-class freight is 91 cents per hundred pounds from New York, 85 cents from Baltimore, and correspondingly low from other points.

Rent has been estimated, during the above period, at from $360 to $450 per year, for a centrally located iron-front two-story store.

I have so recently introduced a telephone, and water with motor and fan, that these items do not affect the average appreciably. While I have dealt to a certain extent with country merchants, druggists and physicians, the business may be said to be principally retail.

In addition to drugs I have kept paints, oils and window-glass. They have doubtless reduced the average expense by increasing the volume of business, though they yield but little profit.

Of course expenses are somewhat variable, and depend to a certain extent on circumstances not within our control. We may have a more or less expensive clerical force. Rent, light and fuel will vary. And that item, so interesting to us at this time, *taxes*, may be more or less exorbitant. Still, we should keep ever present before our eyes the facts and figures, if we would escape disaster. Transportation includes drayage, of course, which at the present time with me is only 5 cents per hundred pounds.

The principal items of expense are help, rent, light, fuel, advertising, taxes, insurance, stationery and postage. Besides there are many small items not necessary to enumerate. On returning to your homes, provided you have not already done so, if you will carefully estimate the aggregate amount of these and the amount of your purchases a comparison of the two may prove interesting to you.

The following table will show expenses in comparison with my purchases for the past ten years.

ANNUAL EXPENSE IN RELATION TO $100 PURCHASES.

| *Year.* | *Transportation.* | *Other Expenses.* | *Total Expense.* |
|---|---|---|---|
| 1886 | $ 6 80 | $ 25 60 | $ 32 40 |
| 1887 | 5 65 | 28 04 | 34 06 |
| 1888 | 4 95 | 24 97 | 29 92 |
| 1889 | 4 72 | 20 41 | 25 13 |
| 1890 | 4 37 | 26 52 | 30 89 |
| 1891 | 4 53 | 25 61 | 30 14 |
| 1892 | 4 05 | 26 77 | 30 82 |
| 1893 | 3 87 | 31 40 | 35 27 |
| 1894 | 4 86 | 37 20 | 42 06 |
| 1895 | 3 98 | 29 80 | 33 78 |
| | $47 78 | $276 32 | $324 47 |

The extremes, in round figures 25 per cent. in 1889 and 42 per cent. in 1894, were due to abnormal conditions, but they about counterbalance each other. It will be seen that the average percentage for the ten years is 32 44-100—say 32½ cents on every dollar of purchases. So the average profit realized above these figures, less losses by bad debts, and less interest on any portion of capital borrowed at any time, represents all that I have gotten for my own support out of the business. This shows the unfairness and illiberality of those manufacturers of proprietary articles who do not allow a margin of at least 50 per cent. to the retailer. We should discriminate in favor of articles yielding a legitimate profit, when we have the power to do so, as a means of self-defense.

SODA-WATER.

In my researches into the average net result of an apparently healthy and successful soda water business for ten years I have found that while the annual sales did not differ widely the annual balances were quite variable. This may be attributed to the necessity for occasional overhaulings and the replacing of old apparatus with new, together with repairs and expenditures for ice-shavers, crushers, shakers, etc. I have not charged the item of labor to this account, under the assumption, which is hardly warranted, that the work is done without any increase in my regular force, neither has interest on investment been charged. The cost of ice has ranged from ½ to ¾ cent per pound My books show 32 per cent. as the net average profit, in comparison with the gross receipts, or in round figures 1½ cents per glass.

The direct and indirect returns from this branch of business, under fair conditions, are not to be despised, though I believe they are generally overestimated. I am incredulous as to any advantage in buying large and costly apparatus, except in cities with much transient trade,

where it may pay as an advertisement. The annual depreciation in value of such outfits would in my case tell heavily upon the profits. Indeed, it might offset them entirely. The comparative worthlessness of second-hand apparatus should not be forgotten in these days of rapidly changing styles and constant improvements. Care, neatness, cleanliness and quality will in most cases obviate the necessity for an extraordinary display of costly and cumbersome marble, and will in the long run secure the best reputation and most satisfactory results.

The useless increase in "new drinks" is a source of great annoyance and loss. The greater the variety of syrups, the less fresh and palatable they are likely to be. The additions are generally disappointing, and the evil should be checked. But without co-operation in this direction it will be found difficult to do so.

# THE CONSTITUTION AND BY-LAWS.

## CONSTITUTION.

### ARTICLE I.—NAME.

This Association shall be called the North Carolina Pharmaceutical Association.

### ARTICLE II.—OBJECT.

The aim of this Association shall be to unite the reputable pharmacists and druggists of this State for mutual assistance, encouragement and improvement, and to advance the science and art of pharmacy, and thereby restrict the dispensing and sale of medicine to properly qualified pharmacists and druggists.

### ARTICIE III.—OFFICERS.

The Association shall have the following officers: A President, three Vice-Presidents, a Secretary, a Local Secretary, and a Treasurer. Also an Executive Committee, consisting of five members, of which the Secretary shall be one *ex officio*, all of whom shall be elected annually by ballot, and shall hold office until an election of successors.

### ARTICLE IV.—LIFE MEMBERSHIP.

Any member who shall pay the Treasurer the sum of twenty-five dollars at one time shall become a life member and shall be exempt from all future annual dues.

### ARTICLE V.—AMENDING CONSTITUTION.

Every proposition to alter or amend this Constitution shall be submitted in writing and received at an annual meeting, and may be voted for at the next annual meeting, when, upon receiving a vote of three-fourths of the members present, it shall become a part of the Constitution.

The By-Laws may be altered or amended by a vote of three-fourths of the members present taken thereon.

# BY-LAWS.

## ARTICLE I.—DUTIES OF OFFICERS.

SECTION 1. The President shall preside at all meetings and administer the rules of order usual in deliberative assemblies. He shall nominate all special committees, except a majority of the members present resort to balloting or other means. He shall sign the certificates of membership and countersign all orders upon the Treasurer. He shall present at each annual meeting a report of the operations of the Association during the year, and suggest such subjects for its benefit as he may deem worthy of notice.

SECTION 2. The Vice-Presidents shall, in case of temporary absence or inability of the President to serve, perform his duties in the order of their names.

SECTION 3. The Secretary shall keep a fair and correct record of all the proceedings of the Association. He shall keep on file all papers and reports read. He shall be charged with all correspondence, and with the editing, publishing and distributing the proceedings of the Association, under the direction of the Executive Committee. He shall notify all members four weeks in advance of each annual meeting, and at each annual meeting render a report of the duties performed by him since the last annual meeting. He shall furnish the chairman of every special committee with a list of its members. He shall be *ex officio* a member of the Executive Committee.

SECTION 4. The Local Secretary shall act under instructions from the Secretary.

SECTION 5. The Treasurer shall collect and have charge of all funds of the Association. He shall give bond in the sum of one thousand dollars for the faithful performance of his duties. The bond must be acceptable to the Executive Committee and placed in the custody of the President, who shall deliver it to his successor. He shall hold and issue the certificates of membership. He shall report to the executive Committee, previous to each annual meeting, the names of those members who have failed to pay their dues for two successive years. He shall keep a list of the names, residence and date of entrance of each member, and furnish a list of the same at the close of each annual meeting to the Secretary for publication. He shall preserve all applications for membership. He shall pay all bills when countersigned by the President, and at each annual meeting render an itemized statement of his accounts.

ARTICLE II.—OF COMMITTEES.

SECTION 1. There shall be three standing committees: An Executive Committee of five members, a Committee on Papers and Queries and a Committee on Trade Interests, each to consist of three members, and to be annually elected or appointed, according to the will of the Association.

SECTION 2. The Executive Committee, of which the Secretary is an *ex officio* member, shall have charge of the revision of the roll, the investigation of applicants for membership, and the publication of the proceedings. They shall report at each annual meeting the names of such members who have refused to pay their annual dues for two successive years. They shall present appropriate notices of deceased members. At least one copy of the Annual Report of Proceedings, as published by the Executive Committee, shall be furnished each member.

SECTION 3. The Committee on Trade Interests shall consider all matters of a trade or commercial nature referred to them, and render a report thereon at such time as may be directed. They may make annual reports and suggest remedies of such trade or commercial irregularities as they may deem worthy thereof.

SECTION 4. The Committee on Papers and Queries shall receive all papers or essays for the Association, and designate which of them shall be read at length and which by title. They shall, in connection with the Secretary, arrange the time which may be most appropriate and convenient for presenting them. They shall annually report, within three months after their selection, a proper number of questions of scientific and practical interest, the answers to which may advance the interests of pharmacy; and shall procure the acceptance of as many such questions for investigation and reply as may be practicable; and in other ways induce the presentation of papers and essays.

ARTICLE III.—OF MEMBERSHIP.

SECTION 1. Every pharmacist and druggist residing in the State, of good moral standing, who is registered or is eligible to registration as a Registered Pharmacist under the Pharmacy Act of this State, of which satisfactory evidence shall be produced or shown to the Executive Committee, may become a member of this Association.

SECTION 2. Any person eligible to membership may apply in writing, with the indorsement of two members in good standing, to any member of the Executive Committee, who shall report his application to said Committee; if, after investigating his claims, they shall approve his election, they shall, at the earliest time possible, report his name to the Association, and he may be elected by two-thirds vote of the members present on ballot.

SECTION 3. Any member, not in arrears, moving to another State and once in two years reporting to the Secretary his address, shall be regarded as an associate of this Association, and it is hereby provided that such

failure to report shall be sufficient warrant for the Secretary dropping the name of such associate member from the roll of membership. Associate members shall not be eligible to hold office nor be required to contribute to the funds of the Association, but they shall have the privilege of attending the meetings and participating in the deliberations.

SECTION 4. No person shall be considered a member of this Association until he has signed the Constitution and By-Laws and paid into the treasury the sum of three dollars as an initiation fee; also the annual contribution for the current year. All persons who become members shall be considered permanent members, but may be expelled for improper conduct by a vote of three-fourths of the members present at any annual meeting.

SECTION 5. Every member shall pay in advance into the hands of the Treasurer the sum of two dollars as his yearly contribution. Any one in arrears at any annual meeting shall not be entitled to vote, and any one neglecting to pay his annual dues for two successive years shall be liable to lose his membership. Members complying with the preceding section of this article are entitled to certificates of membership, signed by the President, a Vice-President, the Secretary, and Treasurer. Ex-members, who are so from omissions to pay their dues, desiring to reunite with the Association, may do so by applying in writing to the Treasurer and paying into the funds of the Association the sum of two years' dues when they were members and the dues for the current year; whereupon their names shall be replaced upon the roll.

SECTION 6. Resignations shall be made in writing to the Secretary, but no resignation shall be accepted from any one who is in arrears to the Treasurer. All resignations shall be acknowledged by the Secretary and reported at the next annual meeting.

SECTION 7. Pharmacists, chemists and other scientific men who may be deemed worthy of the distinction may be elected honorary members. They shall not be required to contribute to the funds, nor shall they be eligible to office, or to vote upon any question.

### ARTICLE IV.—OF MEETINGS.

SECTION 1. The meetings shall be held annually, or from time to time, as the Association may determine, provided that in cases of failure of this from any cause the duty of calling the Association together shall devolve upon the President, or on the Vice-Presidents, with the advice and consent of the Executive Committee.

SECTION 2. At the opening of each annual meeting, in the absence of the President, or Vice-President, one of the Executive Committee shall take the chair. In absence of all a President *pro tempore* shall be elected by the members present. In the absence of the Secretary the presiding officer shall appoint a Secretary *pro tempore*.

SECTION 3. Fifteen members constitute a quorum.

ARTICLE V.—OF DELEGATES.

SECTION 1. The President shall annually appoint five delegates to the American Pharmaceutical Association, and three to the Virginia Pharmaceutical Association, and three to the North Carolina State Medical Society. The delegates shall present their report at the next annual meeting of the Association. Delegates shall be entitled to appoint alternates.

ARTICLE VI.—BUSINESS ORDER.

1—Calling Roll.
2—Reading Minutes.
3—Election of Members.
4—Reports of Officers.
5—Miscellaneous Business.
6—Reading Communications.
7—Reports of Committees.
8—Election of Officers.
9—Adjournment.

# CODE OF ETHICS.

## ADOPTED 1882.

The members of the North Carolina Pharmaceutical Association, considering it necessary that some mutual understanding should exist in regard to the moral principles guiding them in their profession, hereby agree upon the following Code of Ethics:

1. We accept the U. S. Pharmacopœia as our standard and guide for all officinal preparations, and recognize a variance from its rules only in exceptional cases where sufficient authority has proved some other process more reliable to attain the same end. (This section is not intended to interfere with the dispensing of preparations or medicines ordered in accordance with foreign pharmacopœias).

2. We discountenance all secret formulæ between physician and pharmacist, and consider it our duty to communicate such to each other when requested.

3. We distinctly repudiate the practice of allowing physicians a percentage in any form, on their prescriptions or patronage, as being derogatory to both professions.

4. We will endeavor, as far as possible, to refrain from compromising the professional reputation of any physician, and expect, in return, the same courtesy from him.

5. As the apothecary should be able to distinguish between good and bad drugs, in most cases, and as the substitution of a weak or inert drug for an active one may, negatively, be productive of serious consequences, we hold that the sale of impure drugs or medicines, from motives of competition or desire of gain, when pure articles of the same kind may be obtained, is highly culpable, and that it is the duty of every honest apothecary or druggist to expose all such fraudulent acts as may come to his knowledge.

6. The apothecary should be remunerated by the public for his knowledge and skill, and his charges should be regulated by the time consumed in preparing as well as by the value of the article sold. Although local and other circumstances necessarily affect the rate of charges at different establishments, no apothecary should intentionally undersell his neighbors with a view to their injury.

7. Recognizing the value of alcohol as a therapeutic agent, and the propriety of its being dispensed as such by pharmacists, yet deploring the widespread evil resulting from its intemperate use in its hundred

insidious forms, we condemn any attempt to make it a prominent feature of our business as unprofessional, and we denounce the loose practice of allowing it to be used on the premises in any shape as a beverage as degrading, and we urge upon pharmacists the duty of exercising at all times a conscientious care in dispensing a drug liable to such dangerous abuse.

8. Members of this Association, when asked to do so, shall give each other, confidentially, any information in their possession affecting the character, habits, integrity or irregularities of any assistant or apprentice who may have applied for employment, or to whom they may have given letters of introduction or recommendation. Any member who shall divulge such confidential communication to the detriment or annoyance of the member giving it shall, upon the proof thereof, be no longer entitled to the courtesies due a member, and his name be stricken from the roll.

9. Believing that some means should be adopted to enforce the provisions of this Code, violations of the same may be reported at any annual meeting of this Association, when the accused may be heard in his own defense, when, if found guilty, he may be censured, suspended or expelled by a vote of two-thirds of the members present.

## ROLL OF MEMBERS.

### ACTIVE.

| | | |
|---|---|---|
| Abernethy, T. R. | Newton | 1880 |
| Adams, D. L. | Raleigh | 1880 |
| Allen, R. L., M. D. | Waynesville | 1887 |
| Ashcraft, Henry C. | Winston | 1880 |
| Aycocke, M. H. | Louisburg | 1894 |
| Barden, J. J. | Fremont | 1880 |
| Barker, W. R. | Salisbury | 1881 |
| Barrett, A. F. | Roxboro | 1892 |
| Banner, John | Mount Airy | 1894 |
| Beck, Robert T. | Germanton | 1881 |
| Bellamy, R. R. | Wilmington | 1893 |
| Berry, Richard | New Berne | 1880 |
| Blacknall, R. D. | Durham | 1880 |
| Bradley, Augustus, Ph. G. | Raleigh | 1891 |
| Bobbitt, James H. | Raleigh | 1886 |
| Bogue, A. G. | Fremont | 1889 |
| Bradham, C. D. | New Berne | 1895 |
| Bunting, J. Hicks, Ph. G. | Wilmington | 1893 |
| Burwell, G. E. | Tarboro | 1890 |
| Carmichael, W. C. | Asheville | 1880 |
| Carter, Jesse | Madison | 1882 |
| Cates, A. B. | Burlington | 1893 |
| Chandler Henry G. | Asheville | 1887 |
| Chears, H. R., Ph. G. | Plymouth | 1888 |
| Conyers, Z. V., Ph. G. | Greensboro | 1893 |
| Cook, A. J. | Fayetteville | 1886 |
| Crawford, T. D. | Oxford | 1881 |
| Croom, J. D., M. D. | Maxton | 1880 |
| Dalton, P. H., Jr., Ph. G. | Durham | 1889 |

| | | |
|---|---|---|
| Davis, Owen | Henderson | 1884 |
| Davis, R. L., M. D. | Bryson City | 1892 |
| Delamar, Thomas B., M. D. | Beaufort | 1890 |
| DeVault, C. W. | Asheville | 1890 |
| Dixon, Robert L. | Milton | 1889 |
| Everington, George | Laurinburg | 1883 |
| Fariss, John B. | Greensboro | 1893 |
| Fentress, H. L. | Wilmington | 1883 |
| Fetzer, Charles | Reidsville | 1890 |
| Fetzer, N. D. | Concord | 1890 |
| Fisher, E. D., Ph. G. | Durham | 1893 |
| Fowlkes, W. M., M. D. | Rockingham | 1880 |
| Gardner, Howard | Greensboro | 1895 |
| Gaskill, George W. | New Berne | 1893 |
| Gooding, R. J. | New Berne | 1890 |
| Goodman, George C. | Mooresville | 1881 |
| Grantham, George K. | Dunn | 1895 |
| Green, W. H., Ph. G. | Wilmington | 1880 |
| Griffin, John M. | Rocky Mount | 1888 |
| Griffin J. W. | Monroe | 1882 |
| Grissom, Eugene, M. D. | Raleigh | 1880 |
| Haithcock, S. S. | Greensboro | 1893 |
| Haithcock, John E. | Williamsboro | 1881 |
| Hall, William F., Jr. | Statesville | 1893 |
| Hancock, F. W. | Oxford | 1880 |
| Hardin, John H. | Wilmington | 1880 |
| Hargrave, W. W. | Tarboro | 1880 |
| Hargrave, J. B. | Newton | 1889 |
| Harrison, John W. | Macon | 1883 |
| Hawley, F. O., M. D. | Polkton | 1882 |
| Hayes, William A. | Hillsboro | 1891 |
| Henry, T. A. | New Berne | 1880 |
| Herring, Doane, Ph. G. | Wilson | 1884 |
| Higgins, Charles M. | New Berne | 1890 |
| Hill, John H. | Goldsboro | 1880 |

| | | |
|---|---|---|
| Hood, T. R. | Smithfield | 1880 |
| Hood, B. B. | Smithfield | 1886 |
| Hood, John E. | Smithfield | 1889 |
| Hooker, O. | Hillsboro | 1881 |
| Horne, H. R. | Fayetteville | 1880 |
| Howell, E. V., A. B., Ph. G. | Rocky Mount | 1892 |
| Hunter, Buxton W. | Raleigh | 1888 |
| Irvin, James S. | Reidsville | 1890 |
| Jacobs, Frederick L. | Asheville | 1887 |
| Johnson, James McN. | Aberdeen | 1893 |
| Johnson, D. D. | Monroe | 1886 |
| Johnson, James I. | Raleigh | 1880 |
| Johnson, Alice Elizabeth | Aberdeen | 1893 |
| Jordan, R. H. | Charlotte | 1884 |
| Justus, William Hicks | Hendersonville | 1887 |
| King, W. H. | Raleigh | 1884 |
| Leslie, W. A. | Charlotte | 1895 |
| Lee, Allen | Fayetteville | 1896 |
| Lodge, William A. | Raleigh | 1880 |
| Lorbacher, P. P. | Morganton | 1880 |
| Lowe, George A. | Newton | 1881 |
| Lucas, J. W. | Wilson | 1880 |
| Mace, U. S. | New Berne | 1880 |
| Macnair, Whit H., Ph. G. | Tarboro | 1887 |
| Massey, B. F. | Matthews | 1885 |
| May, W. A. | Raleigh | 1894 |
| Munds, James C. (life) | Wilmington | 1880 |
| McAden, J. H. | Charlotte | 1884 |
| McCauley, M. E. | Monroe | 1881 |
| McDonald, H. M. | LaGrange | 1880 |
| McIlhenny, John K. | Henderson | 1880 |
| McIntosh, J. B. S. | Waynesville | 1890 |
| McIntosh, D. M. | Waynesville | 1891 |
| McKay, J. Loyd, M. D. (life) | King's Mountain | 1885 |
| MacRae, John Y. | Raleigh | 1880 |

| | | |
|---|---|---|
| Matthews, A. B. | East Durham | 1895 |
| Merritt, E. S. | Chapel Hill | 1894 |
| Miller, C. B., Ph. G. | Goldsboro | 1890 |
| Mitchell, P. A. | Graham | 1889 |
| Moose, A. Walter | Mt. Pleasant | 1893 |
| Morris, J. De. | Roxboro | 1893 |
| Nicholson, Thomas H. | Murfreesboro | 1888 |
| Niestlie, William | Wilmington | 1887 |
| Nutt, J. D. | Wilmington | 1880 |
| O'Hanlon, E. W. | Winston | 1895 |
| Parker, W. W. | Henderson | 1894 |
| Pescud, John S. | Raleigh | 1880 |
| Porter, W. C. | Greensboro | 1880 |
| Prior, Jackson L. | Raleigh | 1880 |
| Raysor, Cornelius A. | Asheville | 1886 |
| Reedy, John | Lincolnton | 1881 |
| Richardson, L. | Greensboro | 1880 |
| Robinson, M. E., M. D. | Goldsboro | 1888 |
| Rogers, B. C. | Raleigh | 1892 |
| Royster, O. M. | Hickory | 1881 |
| Saddleson, G. H. | Manly | 1886 |
| Shaffner, H. F. | Salem | 1890 |
| Shannon, Henry C. | Goldsboro | 1880 |
| Sedberry, C. D., Ph. G. | Fayetteville | 1888 |
| Sedberry, B. E. | Fayetteville | 1880 |
| Sedberry, H. S. | Fayetteville | 1892 |
| Shepard, Joseph C. | Wilmington | 1893 |
| Shepperd, John W., Ph. G. | Charlotte | 1896 |
| Simpson, William | Raleigh | 1880 |
| Simpson, Robert | Raleigh | 1892 |
| Smith, W. G. | Asheville | 1892 |
| Smith, Frank T. | Franklin | 1888 |
| Smith, J. B. | Lexington | 1882 |
| Smith, John R. | Mount Olive | 1888 |
| Smith, S. O. | Charlotte | 1880 |

| | | |
|---|---|---|
| Smith, T. C., M. D. | Asheville | 1880 |
| Smith, Frank S., Ph. G. | Asheville | 1894 |
| Sneed, P. C. | Durham | 1894 |
| Southerland, T. R., Ph. G. | Wilmington | 1890 |
| Sprague, John F. | Morganton | 1888 |
| Stedman, John P. | Oxford | 1880 |
| Stevens, John H. | Monroe | 1880 |
| Stimson, Logan | Statesville | 1880 |
| Thomas, W. G. | Louisburg | 1880 |
| Thompson, V. O. | Winston | 1880 |
| Tull, John, Ph. G. | Morganton | 1880 |
| Tunstall, N. R. | Statesville | 1880 |
| Vaughan, P. W., Ph. G. | Durham | 1880 |
| Waldo, S. P. | Cary | 1880 |
| Ward, Gaston M. | Greensboro | 1893 |
| Watson, H. P. | Lexington | 1880 |
| Way, David | Waynesville | 1896 |
| Wearn, W. H. | Charlotte | 1884 |
| Welsh, S. J. | Monroe | 1882 |
| White, Arthur | Mebaneville | 1885 |
| Whitehead, E. T. | Scotland Neck | 1888 |
| Whitehurst, R. F. | Durham | 1888 |
| Whitfield, Wm. Cobb, M. D. | Sladesville | 1888 |
| Wilson, W. M. | Charlotte | 1884 |
| Williams, J. M. | Raleigh | 1880 |
| Williams, John R. | Raleigh | 1880 |
| Williams, Robert I. | Raleigh | 1880 |
| Woodall, Junius P. | Selma | 1887 |
| Woodcock, John Henry | Asheville | 1887 |
| Wray, W. A. | Shelby | 1881 |
| Wriston, L. R. | Charlotte | 1880 |
| Yearby, William M. | Durham | 1889 |
| Young, John | Salisbury | 1885 |
| Zoeller, Edward V., Ph. G. | Tarboro | 1880 |

## HONORARY.

| | | |
|---|---|---|
| Col. John B. Purcell | Richmond, Va. | 1890 |
| Prof. F. P. Venable | Chapel Hill | 1890 |
| Prof. Charles Caspari, Jr. | Baltimore | 1892 |
| O. M. Royster | Hickory | 1896 |

## DECEASED.

| | | |
|---|---|---|
| Adams, R. H., M. D. | Gastonia | 1884—1888 |
| Bedford, Prof. P. W.* | New York | 1881—1892 |
| Bickett, T. W. | Monroe | 1880—1882 |
| Bobbitt, F. A. | Winston | 1892—1894 |
| Broadfoot, T. W. | Fayetteville | 1880—1890 |
| DeVault, T. M. | Asheville | 1882—1888 |
| Duffy, F. S. | New Berne | 1880—1885 |
| Davidson, J. S. M. | Charlotte | 1880—1889 |
| Duffy, R. N. | New Berne | 1880—1895 |
| Fuller, F. T., M. D. | Raleigh | 1880—1894 |
| Furman, W. H., Jr. | Louisburg | 1880—1890 |
| Garrett, H. B. | Rockingham | 1883—1884 |
| Gidney, J. C., M. D. | Shelby | 1881—1890 |
| Gordon, E. S. | Wilkesboro | 1882—1882 |
| Grimes, A. L. | Thomasville | 1880—1890 |
| Grymes, B. | Asheville | 1882—1882 |
| Green, C. C. | New Berne | 1880—1894 |
| Hand, W. E. | Charlotte | 1880—1884 |
| Hill, T. B. | Goldsboro | 1880—1891 |
| Hinsdale, S. J. | Fayetteville | 1880—1894 |
| Hood, J. C. | Smithfield | 1880—1887 |
| Jordan, J. V. | New Berne | 1881—1895 |
| Johnson, R. E. | Fremont | 1881—1884 |
| Jones, B. C. | Morehead City | 1892—1896 |
| Lee, A. S. | Lincolnton | 1880—1895 |
| Lucas, H. D., M. D. | Black Creek | 1886—1894 |

*Honorary member.

| | | |
|---|---|---|
| Latham, W. W. | Seaboard | 1881—1885 |
| Lawing, J. M., M. D. | Lincolnton | 1884—1894 |
| Lewter, J. T., M. D. | Murfreesboro | 1881—1887 |
| Miller, F. C. | Wilmington | 1880—1893 |
| Lyons, H. H. | Asheville | 1883—1888 |
| Nadal, E. M. | Wilson | 1880—1896 |
| Poole, T. W. | Williamston | 1887—1890 |
| Simmons, B. T. | Weldon | 1880—1888 |
| Stewart, L. | Laurinburg | 1881—1881 |
| Tenny, A. K. | Durham | 1880—1888 |
| Wagoner, John M. | Statesville | 1888—1894 |

If any errors are noted in the above the Secretary should be advised thereof. Members of the Association who change their address will confer a favor by notifying the Secretary.

# REPORT

OF THE

# NORTH CAROLINA BOARD OF PHARMACY

PHARMACY ACT,

AND

LIST OF REGISTERED PHARMACISTS.

# NORTH CAROLINA BOARD OF PHARMACY.

## MEMBERS AND ORGANIZATION, 1896—'97.

COMMISSIONED BY HIS EXCELLENCY, THE GOVERNOR OF NORTH CAROLINA.

W. H. WEARN, Charlotte ..... Term expires April 28, 1898.
P. W. VAUGHAN, Durham, ..... Term expires April 28, 1899.
N. D. FETZER, Concord, ..... Term expires April 28, 1900.
WILLIAM SIMPSON, Raleigh, ..... Term expires April 28, 1901.
E. V. ZOELLER, Tarboro, ..... Term expires April 28, 1902.

PRESIDENT.

E. V. ZOELLER, ..... Tarboro.

SECRETARY AND TREASURER.

WILLIAM SIMPSON, ..... Raleigh.

# REPORT OF THE SECRETARY AND TREASURER OF THE NORTH CAROLINA BOARD OF PHARMACY.

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RALEIGH, N. C., July 1, 1896.

*To his Excellency, Elias Carr, Governor:*

SIR:—I have the honor to submit to your Excellency, and to the North Carolina Pharmaceutical Association, my fifteenth annual report of the proceedings of the North Carolina Board of Pharmacy for the year ending June 30, 1896.

The thirty-eighth meeting of the Board was held in Morehead City, July 9, 1895. Present: Messrs. Zoeller, Wearn, Vaughan and Simpson.

At this meeting ten candidates for license to practice pharmacy appeared for examination, five of whom were successful, viz.:

| | |
|---|---|
| CALEB DAVIS BRADHAM, . . . | New Berne. |
| JOHN SPICER BRYAN, . . . . | Goldsboro. |
| CALVIN WASHINGTON CORRIHER, . . | China Grove. |
| CHRISTOPHER COLUMBUS FORDHAM, . | Dunn. |
| GEORGE KENNETH GRANTHAM, . . | Dunn. |

And were awarded certificates of registration.

The thirty-ninth meeting of the Board was held in the city of Raleigh on Tuesday and Wednesday, December 3 and 4, 1895. Present: Messrs. Zoeller, Vaughan and Simpson.

At this meeting fourteen applicants appeared, all of whom were granted license to practice pharmacy but two, viz.:

| | |
|---|---|
| William Anderson Hughes, . . | Durham. |
| Carroll Marshall Shuford, . . | Hickory. |
| David Meade Feild, . . . . | Halifax. |
| David Anderson Houston, . . . | Mount Airy. |
| Nathan Brogden Hood, . . . | Dunn. |
| Daniel MacNeill MacKay, . . | Smithfield. |
| William Samuel Allen, . . . | Reidsville. |
| William Alexander Ring, . . | Charlotte. |
| Clarence Adrian Crabtree, . . | Raleigh. |
| Hugh Peoples Hackney, . . . | Durham. |
| Tolly Columbus White, . . . | Charlotte. |
| Jesse Allan Dodson, . . . . | Durham. |

Applications from P. A. Stewart, graduate of the Chicago College of Pharmacy, and W. F. Diesbach, graduate of the St. Louis College of Pharmacy, were received asking to be registered in this State upon their diplomas. The Secretary of the Board was instructed to notify them that their diplomas would be recognized upon presentation and proof of identity of the holders of the same.

The fortieth meeting of the Board was held in the city of Raleigh on Tuesday and Wednesday, May 5 and 6, 1896. Present: Messrs. Zoeller Vaughan and Simpson.

Nine candidates for license appeared at this meeting, seven of whom passed approved examinations, viz.:

| | |
|---|---|
| Walter Augustus Leggett, . . | Hobgood. |
| Frank Reid Pleasants, . . . | Louisburg. |
| Robert Steven Sledge, . . . | Leaksville. |
| Harry Epps, . . . . . | Williamsboro. |
| Arlindo Sherman Cate, . . . | Haw River. |
| Henry Williams Perry, . . . | Yanceyville. |
| Peter Alan Thompson, . . . | Winston. |

Mr. O. M. Royster tendered his resignation as a member of the Board, stating that on account of continued ill

health he felt it due both to the Board and himself that he should do so. The Secretary was instructed to convey to Mr. Royster the deep sense of regret felt by the Board at the causes that occasioned such action on his part, and at the severance of the official relations that had heretofore united them so pleasantly together. Mr. N. D. Fetzer, of Concord, was elected to fill the unexpired term of Mr. Royster.

The following report will furnish an itemized account of the receipts and disbursements for the current year:

WILLIAM SIMPSON, *Treasurer,*
*In account with the North Carolina Board of Pharmacy.*

DR.

| | | |
|---|---|---|
| To balance on hand | $ 21 03 | |
| To renewal receipts for year | 287 00 | |
| To examination fees from the following candidates: C. D. Bradham, J. S. Bryan, C. W. Corriher, C. C. Fordham. J. K. Grantham, B. E. Love, J. A. Parker, I. B. Whitsett, T. C. White, William A. Hughes, D. M. Field, D. A. Houston, D. MacNeill Mackay, James H. Powell, William S. Allen, William A. Ring, A. C. Yarboro, C. A. Crabtree, H. P. Hackney, J. A. Dodson, W. A. Leggett, F. R. Pleasants, W. E. Beavans, A. B. Huntley, R. S. Sledge, Harry Epps, A. S. Cate, H. W. Perry and P. A. Thompson at $5 each | 145 00 | |
| | | $453 03 |

CR.

| 1895. | | | |
|---|---|---|---|
| July | 15. | William Simpson | $ 28 70 |
| | 17. | Edwards & Broughton | 4 00 |
| | 24. | E. V. Zoeller | 29 95 |
| | 24. | P. W. Vaughan | 30 00 |
| Aug. | 1. | Raleigh Stationery Co. | 1 00 |
| Sept. | 14. | E. M. Uzzell | 3 50 |
| Nov. | 1. | Edwards & Broughton | 75 |
| | 12. | S. G. Ryan | 25 00 |
| Dec. | 9. | E. V. Zoeller | 28 68 |
| | 12. | P. W. Vaughan | 16 20 |
| | 12. | William Simpson | 10 00 |
| | | Amonnt carried forward | $177 78 |

| | | | | |
|---|---|---|---|---|
| | | Amount brought forward | $177 78 | |
| | 19. | John Gibson | 9 00 | |
| 1896. | | | | |
| Jan. | 15. | Raleigh Stationery Co. | 1 50 | |
| Feb. | 4. | Thomas & Maxwell | 14 00 | |
| | 8. | Edwards & Broughton | 3 75 | |
| May | 2. | Edwards & Broughton | 7 00 | |
| | 12. | P. W. Vaughan | 14 20 | |
| | 19. | E. V. Zoeller | 23 73 | |
| | 19. | William Simpson | 10 00 | |
| June | 1. | Raleigh Stationery Co. | 1 00 | |
| | 1. | Postage | 20 00 | |
| | 1. | Express, telegrams, etc. | 3 41 | |
| | 1. | William Simpson, Secretary, etc., salary | 125 00 | |
| | | Balance on hand | 42 66 | |
| | | | | $453 03 |

## DROPPED FOR FAILURE TO RENEW REGISTRATION.

M. F. Morphew, M. D., Marion.
D. H. Farmer, Brevard.
Charles Robinson, Elizabethtown.
H. M. Alford, M. D., Greensboro.
E. R. Michaux, M. D., Greensboro.
N. M. McLean, M. D., Gibson.
J. T. Sledge, M. D., Greenville.
W. T. O'Farrell, M. D., Highlands.
Joshua R. Nichols, Halifax.
R. F. Whitehurst, Durham.
O. L. Ellis, Louisburg.
L. B. Chapin, Moncure.
V. R. Butt, M. D., Marion.
R. J. Baucom, Morven.
Charles Daligny, M. D., Old Fort.
R. F. Butler, Plymouth.
W. E. Pelham, Asheville.
J. H. Woodcock, Asheville.
Thomas H. Clark, M. D., Castalia.
Henry J. Wyer, Asheville.
Thomas Reese, Charlotte.
J. P. Gibson, Concord.
George Hipkiss, M. D., Dillsboro.
W. T. Herndon, M. D., Elon College.
J. W. Ring, M. D., Elkin.

W. O. Allen, Falls.
Frank L. Meares, Wilmington.
James A. Smith, Wilmington.
James M. Gallagher, M. D., Washington.
J. T. Harper, Youngsville.
A. J. H. Lutterloh, M. D., Siler City.
J. W. Bryan, Plymouth.
G. W. Gaskill, Lexington.
J. H. Benton, M. D., Newton Grove.
S. S. Royster, M. D., Mooresboro.
Charles B. McAnally, M. D., Madison.
S. M. Barbee, Chapel Hill.
Alex. Wadsworth, Elizabeth City.
O. G. B. McMullen, M. D., Elizabeth City.
L. P. Etheridge, Elizabeth City.
John Q. Etheridge, Elizabeth City.
W. L. Callum, Greensboro.
W. O. Mitchell, Stem.
T. C. Boshamer, Tarboro.
F. M. Matthews, M. D., Reidsville.
W. J. Courts, M. D., Reidsville.
W. A. Robbins, Rockingham.
S. B. Dew, M. D., Rocky Mount.
W. A. Wray, Shelby.
G. H. Bowman, Spear.
S. T. Nicholson, M. D., Washington.
H. L. McFayden, Waynesville.
A. M. Bennett, M. D., Whittier.
W. L. Sherrill, Mooresville.
C. A. Clement, Mocksville.
W. P. Whittington, M. D., Burnsville.
A. C. Boyles, M. D., Eldorado.
R. J. Gooding, New Bern.
T. B. Meacham, M. D., Pineville.
Numa F. Hancock, Reidsville.
F. C. James, Bethel.
James S. Irvin, Reidsville.
A. I. H. Lutterloh, M. D., Siler City.
M. G. Wilber, Wilmington.
W. A. Berry, Wilkesboro.
John H. Ennis, Salisbury.
M. B. Howell, Salisbury.
J. M. Whittington, East Bend.
William T. Whitted, M. D., Hendersonville.

J. H. McCullen, M. D., Hertford.
C. S. Kingsmore, Morganton.
John T. Eldridge, M. D., Murfeesboro.
T. C. Debnam, M. D., Henderson.
O. Hooker, Hillsboro.
W. N. Williams, Fayetteville.
H. C. Williams, M. D., Lemay.
Arthur White, Mebaneville.
John B. Hargrave, Newton.
George S. Loyd, M. D., Tarboro.
James A. Sheets, Wilmington.
S. S. Wilson, M. D., Bakersville.
John Stinchcomb, M. D., Bakersville.
John A. Waddell, Greensboro.
Benjamin A. Daniels, Greensboro.
Thomas F. Mayo, Greensboro.
W. T. Carpenter, Matthews.
L. W. Hunter, M. D., Matthews.
Robert E. King, Warrenton.
W. J. McLendon, Wadesboro.
W. P. Kennedy, Warsaw.
A. G. Barrus, Pollocksville.

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## REMOVED FROM THE STATE.

Aaron Greenwald, Wilmington.
Eugene Grissom, M. D., Raleigh.
J. F. Riddle, Raleigh.
Charles R. Hodgin, M. D., Winston.
T. D. Crawford, Oxford.
D. L. Peebles, M. D., Hickory.
B. F. Eubank, Chapel Hill.
Robert L. Walker, Mebaneville.
Robert G. Grissom, Raleigh.
R. G. Reese, Charlotte.
Braxton Shields, Carthage.
George S. Barnes, Milton.
P. H. Dalton, Durham.
W. G. White, Elizabethtown.
Warren J. Smith, Fayetteville.
J. E. Shepherd, M. D., Gastonia.
Francis B. Hays, Oxford.
B. W. Wells, Salisbury.
Thomas R. Southerland, Wilmington.

Carl E. Smith, ..... Wilmington.
R. D. Apple, ..... Milton.
D. R. Millard, ..... Greensboro.
A. E. West, ..... Raleigh.
E. D. Fisher, ..... Durham.
J. M. Williams, ..... Raleigh.
T. F. Nixon, M. D., ..... Raleigh.
O. F. Blankingship, ..... Wilson.
C. W. Sawyer, ..... Coinjock.
H. M. Fearing, ..... Elizabeth City.
S. T. Green, ..... Asheville.
W. A. McClenahan, ..... Raleigh.
James P. Stowe, ..... Charlotte.
W. L. O'Connell, ..... Charlotte.
Alphonso McLauchlin, ..... Charlotte.
George P. Hart, ..... Asheville.
Thomas H. Atkinson, Jr., ..... Selma.

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DIED.

Samuel J. Hinsdale, ..... Fayetteville.
Jonas Cohen, ..... Enfield.
Charles C. Green, ..... New Berne.
John M. Wagner, ..... Statesville.
Fletcher A. Bobbitt, ..... Winston.
Frederick Gallagher, ..... Washington.
J. V. Jordan, ..... New Berne.
E. M. Nadal, ..... Wilson.
A. W. Rowland, ..... Wilson.
Charles K. Gallagher, ..... Washington.
J. M. Lawing, ..... Lincolnton.
H. D. Lucas, ..... Black Creek.
F. T. Fuller, M. D., ..... Raleigh.
S. H. Rogers, M. D., ..... Raleigh.
A. S. Lee, ..... Lincolnton.
J. Dickson Munds, ..... Wilmington.
F. C. Miller, ..... Wilmington.
John A. McGwigan, M. D., ..... Enfield.
Richard N. Duffy, ..... New Berne.
B. C. Jones, ..... Morehead City.
Samuel H. Crocker, M. D., ..... Stantonsburg.
Thomas A. Clark, ..... Weldon.

## DISCONTINUED BUSINESS.

L. T. Whitaker, ..... Fremont.
R. A. Smith, M. D., ..... Goldsboro.
R. J. H. Hatchett, M. D., ..... Henderson.
W. W. Young, M. D., ..... Henderson.
J. H. Gilkey, M. D., ..... Marion.
George A. Lowe, ..... Newton.
P. A. Hay, M. D., ..... Reidsville.
L. L. Sasser, M. D., ..... Smithfield.
W. B. Crawford, M. D., ..... Selma.
J. W. Purefoy, ..... Wake Forest.
John W. Chapin, ..... Aurora.
Ed. G. Clifton, ..... Durham.
Joseph Bird, M. D., ..... Thomasville.
James Grant, ..... Asheville.
A. W. Hamer, ..... Laurinburg.
John F. King, ..... Beaufort.
F. C. James, ..... Bethel.
N. M. Johnson, M. D., ..... Durham.
A. W. Rowland, ..... Wilson.
John H. Harris, M. D., ..... Franklinton.
E. H. Meadows, ..... New Berne.
A. W. Goodwin, M. D., ..... Raleigh.
A. H. Michaels, M. D., ..... Durham.
Archibald Cheatham, M. D., ..... Henderson.
William T. Cheatham, M. D., ..... Henderson.
H. G. Nicholson, ..... Selma.
L. Hussey, M. D., ..... Warsaw.
Louis T. Smith, ..... Durham.
J. A. Wise, ..... Fair View.
D. L. Peeples, M. D., ..... Hickory.
J. B. Robertson, M. D., ..... Clayton.
E. H. McCullers, M. D., ..... Clayton.
N. M. Blalock, M. D., ..... Clayton.
George Fitzsimmons, ..... Greensboro.
O. M. Royster, ..... Hickory.
Mrs. P. B. Kyser, ..... Rocky Mount.
B. K. Kyser, ..... Rocky Mount.
F. J. Cooper, M. D., ..... Roseboro.
S. S. Peterson, M. D., ..... Morganton.
Paul Lorbacher, ..... Morganton.
J. M. Hays, M. D., ..... Oxford.
J. B. Williams, M. D., ..... Oxford.

J. C. Hill, ..... Palmyra.
H. T. Chapin, M. D., ..... Pittsboro.
L. G. Broughton, M. D., ..... Reidsville.
N. M. Culbreth, M. D., ..... Whiteville.
W. G. Bradshaw, M. D., ..... High Point.
E. S. Warlick, M. D., ..... Connelly's Springs.
J. A. Reedy, M. D., ..... Lincolnton.
J. B. Clifton, M. D., ..... Louisburg.
A. B. Johns, M. D., ..... Leaksville.
J. H. Thacker, M. D., ..... Leaksville.
J. C. Walton, M. D., ..... Milton.
H. H. Dodson, M. D., ..... Milton.
J. R. Fleming, M. D., ..... Dunn.
R. H. Whitehead, M. D., ..... Chapel Hill.
George B. Colbert, ..... Aurora.

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## LIST OF REGISTERED PHARMACISTS IN NORTH CAROLINA.

Asheville—W. C. Carmichael, C. W. DeVault, C. A. Raysor, T. C. Smith, M. D., Samuel D. Pelham, J. Taylor Amiss, Fred. L. Jacobs, Henry G. Chandler, Whitefoard G. Smith, Henry E. Heinitsh, B. S. Worthern, Penrose Baldwin, Frank S. Smith, J. L. Houston, M. W. Alston, M. D., H. W. Brodnax, Zero W. Nichols, James Albert Allison, P. S. A. Stewart, E. M. Alston.

Apex—W. H. Harward, A. B. Hunter.

Aurora—A. B. Chapin, M. D.

Aberdeen—J. McN. Johnson, Alice Elizabeth Johnson.

Beaufort—Josiah B. Davis, Allen Davis, Thomas W. Lindsay, Thomas B. Delamar, M. D., John F. King.

Bryson City—R. L. Davis, M. D.

Berea—J. N. Fuller.

Big Falls—W. E. Fitch, M. D.

Benson—James W. Benson, G. E. Parker, M. D.

Biltmore—A. S. Whitaker, M. D., Leo. Rosenblum, George W. Reed, M. D.

Burlington—J. W. Lasley, M. D., R. A. Freeman, M. D., A. B. Cates, W. G. Stafford, M. D., Augustus Bradley, A. F. Barrett.

Brinkleyville—John H. Vinson, John E. Hunter.

Bakersville—W. P. Upton, M. D.

Brevard—E. W. Blythe, M. D.

Charlotte—Ransom S. Gray, J. H. McAden, M. D., William H. Wearn, George W. Campbell, John T. Williams, M. D., J. M. Henderson, M. D., Robert W. Gray, R. A. Dunn, W. R. Burwell, W. M. Wilson, John W. Shepherd, Thomas Reese, A. B. Reese, F. O. Hawley, L. R.

Wriston, John M. Atkinson, William Alexander Ring, John Lorenzo Eagles.

CALDWELL INSTITUTE—A. C. Jordan, M. D.

CARY—E. O. Waldo.

CONOVER—D. McD. Yount, M. D.

CORBETT—W. E. Murphy, M. D.

CONCORD—Joel Reed, Dudley D. Johnson, N. D. Fetzer, F. L. Smith, Joseph F. Goodman, M. L. Marsh.

CLINTON—T. J. Lee, R. W. Holliday, R. E. Lee, A. M. Lee, M. D., R. H. Holliday, M. D., T. F. Saunders, J. E. Harper.

CHAPEL HILL—A. B. Roberson, M. D., E. S. Merritt, B. F. Eubank, T. J. Wilson, M. D.

CHINA GROVE—George A. Ramsaur, M. D.

CALHOUN—William M. Lyday, M. D.

CLAYTON—James A. Griffin, M. D.

CARTHAGE—Gilbert McLeod.

DAVIDSON COLLEGE—John J. Dupuy, E. Q. Houston, M. D.

DUNN—M. W. Harper, M. D., O. L. Denning, M. D., D. H. Hood, George K. Grantham, C. H. Sexton, M. D., Nathan B. Hood.

DELLWOOD—I. A. Fitzgerald, M. D.

DURHAM—R. D. Blacknall, M. D., P. W. Vaughan, F. H. Heartt, W. M. Yearby, C. E. King, N. M. Boddie, M. D., John B. Hanks, Paul C. Sneed, Germain Bernard, Alonzo B. Matthews, James E. Shepherd, William A. Hughes.

ELIZABETH CITY—W. W. Griggs, M. D., John E. Ward, M. D.

EDENTON—H. DeB. Hooper, Walter J. Leary.

ELON COLLEGE—George W. Kernodle, M. D.

ENFIELD—A. S. Harrison, M. D.

ELIZABETHTOWN—W. G. White.

ELK PARK—G. C. Lane, M. D., Jesse B. Triplett, M. D.

FAYETTEVILLE—H. R. Horne, W. C. McDuffie, Jr., Clarence D. Sedberry, A. S. Rose, A. J. Sykes, B. E. Sedberry, A. J. Cook, R. B. King, H. Stiles Sedberry, Harmon H. Perry.

FRANKLIN—Frank T. Smith.

FRAKLINTON—H. S. Furman, Robert W. Winston, Thomas C. Joyner.

FREMONT—R. E. Cox, M. D.

FOREST CITY—G. E. Young.

FOUR OAKS—S. R. Young, M. D.

GREENSBORO—W. C. Porter, L. Richardson, S. S. Haithcock, Z. V. Conyers, John B. Fariss, G. W. Ward, J. R. Callum, N. C. Brandon, Howard Gardner, R. S. Mebane.

GATESVILLE—A. R. Roberts, Herbert J. Brady.

GOLDSBORO—John H. Hill, J. F. Miller, M. D., J. D. Spicer, M. D., Charles B. Miller, M. D., Henry C. Shannon, John H. Hill, Jr., M. E. Robinson, M. D., John W. Powell, W. V. Williams, John Spicer Bryan.

Graham—P. A. Mitchell, James C. Simmons.
Garner—G. B. Montague.
Gibsonville—C. E. Jordan, M. D.
Greenville—McG. Urnol, John L. Wooten.
Germanton—Robert T. Beck.
Gastonia—J. E. Shepherd, M. D., J. E. Curry.
Henderson—Melville Dorsey, W. W. Parker, John T. Thomas.
Hendersonville—James McMin, W. H. Justice, Joseph J. Waldrop, J. W. Streetman, M. D., C. Few, M. D., J. L. Egerton, M. D.
Hillsboro—William A. Hays, David C. Parris, M. D.
Hickory—William A. Leslie, M. D., C. M. Shuford.
High Point—George A. Matton.
Halifax—John N. Brown, D. Meade Field.
Hurdle's Mills—J. I. Coleman, M. D.
Huntersville—C. A. Walker.
Hamilton—F. H. Robertson.
Holly Springs—B. S. Utley, M. D.
Haw River—T. W. Patterson, M. D., E. C. Laird, M. D., A. S. Cate.
Hot Springs—Jesse M. Plemmons, M. D.
Hobgood—Walter A. Leggett.
Jonesboro—J. Alton McIver, E. P. Snipes, M. D.
Jamesville—George L. Kemp.
Jackson—Henry W. Lewis, M. D.
Jacksonville—E. L. Cox, M. D.
King's Mountain—R. S. Sugg, J. Loyd McKay, M. D.
Kernersville—B. J. Sapp, M. D.
Kinston—Henry Dunn, R. H. Temple, M. D., John E. Hood.
Lexington—J. B. Smith, M. D., L. B. Wheeler, H. P. Watson.
Lincolnton—John Reedy.
LaGrange—H. M. McDonald, L. A. Rutherford, M. D.
Lenoir—W. W. Scott, M. D.
Liberty—A. J. Thompson, M. D.
Lumberton—J. D. McMillan, M. D., L. A. Rutherford, M. D., Thomas A. Norment, Jr., M. D.
Laurinburg—George D. Everington, B. G. Graham, W. L. Fields, James T. Fields.
Leaksville—S. L. Martin, M. D.
Littleton—Willis Alston, M. D., John E. Parrott, Henry W. Perry.
Louisburg—W. H. Nicholson, M. D., W. G. Thomas, Menalcus H. Aycocke.
Linville—Cornelius Teal, M. D.
Marshville—W. A. Dees, M. D.
Maxton—J. D. Croom, D. MacBryde, M. D.
Milton—Robert L. Dixon, Lewis Walker, C. T. Capebart.
Morganton—John Tull.

Monroe—John H. Stevens, Eugene McLarty, S. J. Welsh, M. D., M. E. McCauley, J. V. Eubank.

Murfreesboro—T. H. Nicholson, W. G. Freeman, M. D.

Mebaneville—S. A. White, N. D. York, M. D.

Matthews—T. G. Ervin, M. D., T. N. Reid, M. D.

Madison—Jesse Carter.

Mooresville—George C. Goodman, Thomas N. Hall.

Morehead City—Thomas D. Webb, Philip Lepper, A. J. McIntyre, M. D., Joseph A. Hays.

Mocksville—C. C. Sanford.

Maiden—P. J. Klutz.

Mooresboro—W. W. Gilbert, M. D.

Murphy—M. C. King.

Mt. Olive—John R. Smith.

Mt. Airy—W. S. Taylor, M. D., R. Kent Blair, John Banner, David A. Houston.

Mt. Pleasant—A. W. Moose.

Newton—T. R. Abernethy.

New Hill—James P. Battle, M. D.

New London—Charles J. Mauney.

New Berne—Richard Berry, U. S. Mace, Leinster Duffy, D. A. Harget, Robert B. Nixon, Thomas A. Henry, Francis S. Duffy, E. W. Smallwood, C. M. Higgins, Harry B. Brock, Caleb D. Bradham, D. R. Davis.

Oxford—J. G. Hall, John P. Stedman, F. W. Hancock, Gaston H Wilder.

Ore Hill—O. B. Strowd, C. C. Cheek.

Old Fort—W. H. Disosway, B. L. Ashworth.

Pineville—J. J. Roane, M. D., J. A. Ardrey.

Plymouth—W. H. Ward, M. D., Henry R. Chears, H. P. Murray, M. D.

Pantego—Walter Clark.

Prospect Hill—J. R. Hester, M. D.

Raleigh—John R. Williams, John S. Pescud, John Y. MacRae, William A. Lodge, D. L. Adams, Robert Simpson, Henry T. Hicks, William H. King, William A. Mabry, Berry C. Rogers, J. L. Prior, G. C. Congden, Robert I. Williams, James I. Johnson, William Simpson, John R. Congleton, James H. Bobbitt, B. W. Hunter, O. G. King, L. A. Scruggs, M. D., Ed. G. Birdsong, Christopher C. Fordham, W. R. Barker, J. W. McGee, Jr., M. D., F. W. Parker, H. G. Nicholson, Thomas J. Watts, Thomas A. Norment, M. D., William A. May, George A. Renn, M. D.

Reidsville—Charles Fetzer, Frank D. Irvin, D. W. Courts, M. D., Eugene P. Purcell, William S. Allen.

Rockingham—W. M. Fowlkes, Sylvester Biggs, J. Willis Gale, J. E. Davis.

Rolesville—L. B. Young, M. D.

Roxboro—J. De. Morris, W. R. Hambrick, Charles G. Nichols, M. D.

Rocky Mount—J. M. Griffin, P. B. Kyser, E. V. Howell.

Rowland—B. F. McMillan, M. D.

Salisbury—Theo. F. Kluttz, Edwin Cuthrell, John Young, J. C. Simmons, C. R. Barker, James Plummer.

Smithfield—T. R. Hood, Junius P. Woodall, B. R. Hood.

Shelby—V. McBrayer, M. D., Henry E. Kendall, Junius T. Gardner, William H. Gardner.

Sanford—W. A. Monroe, M. D., J. E. Caviness, M. D.

Salem—Henry F. Shaffner.

Seven Springs—M. W. Parks, M. D.

Stovall—F. R. Gregory, M. D.

Statesville—N. R. Tunstall, William F. Hall, Jr., Logan Stimson.

Scotland Neck—R. M. Johnson, E. T. Whitehead.

Selma—H. K. Egerton, M. D., R. J. Noble, M. D.

Southport—D. I. Watson, M. D., John B. Cranmer.

South Creek—E. D. Springer.

Southern Pines—G. H. Sadelson, M. D.

Stoneville—Thomas A. Boaz, M. D., George M. Ivie, M. D.

Tarboro—E. V. Zoeller, W. H. Macnair, L. L. Staton, M. D., W. W. Hargrave, George E. Burwell, R. E. L. Cook.

Thomasville—Charles A. Julien, M. D.

Tillery—James C. Hill, M. D.

Troy—P. W. Wooley, M. D.

Wilmington—William H. Green, John H. Hardin, W. R. Kingsbury, Robert R. Bellamy, William Niestlie, H. L. Fentress, Joseph C. Shepard, Jr., George L. Harmon, Thomas R. Mask, M. D., Silas P. Wright, M. D., L. B. Sasser, James C. Munds, J. Theus Munds, William C. Munds, John Shehan, Ashton L. Scott, James D. Nutt, James H. Bunting, W. F. Stokes, M. D., Malcom McKay, Anthony B. Persse, Daniel McN. MacKay, R. C. McNorton.

Wilson—B. W. Hargrave, Doane Herring, James W. Lucas, W. S. Anderson, M. D.

Winston—V. O. Thompson, W. C. Brown, B. B. Owens, E. W. O'Hanlon, L. E. Steere, Samuel H. Smith, T. W. Grimes, H. C. Ashcraft, Thomas H. Wells, Peter A. Thompson.

Waxhaw—James R. Bivens, Verner Nisbet.

Wake Forest—W. C. Lankford, M. D.

Wake County—John B. Carr, M. D.

Waynesville—Donald McIntosh, Mark T. Rinehart, M. E. Millender, M. D., David Way, Jefferson Reeves.

Warrenton—C. A. Thomas, M. D., W. K. Barham, F. P. Hunter.

Winnie—William Cobb Whitfield.

Wilton—C. W. Conway.

WILLIAMSTON—S. R. Biggs.

WASHINGTON—C. B. McKeel.

WELDON—A. B. Zollicoffer, M. D., H. S. S. Cooper, William M. Cohen, Junius H. Lockhart.

WADESBORO—J. A. Hardison.

WHITEVILLE—Isaac Jackson, M. D.

WOOLSEY—George W. Reed, M. D.

YOUNGSVILLE—J. W. Duke, P. R. Hatch, M. D.

YEATESVILLE—Charles C. Jackson, M. D.

# PHARMACY ACT.

(As Amended Jan 27, 1891).

*The General Assembly of North Carolina do enact:*

SECTION 1. That E. M. Nadal, S. J. Hinsdale, William Simpson, E. H. Meadows, T. C. Smith, John S. Pescud, and such other persons as may be associated with them under the provisions of this act, be and the same are hereby made a body corporate under the name and style of the North Carolina Pharmaceutical Association, and by said name shall have the right to sue and be sued, to plead and be impleaded, to purchase and hold real estate and grant the same, to have and to use a common seal, and to do such other things and perform such other acts as appertain to bodies corporate and politic, not inconsistent with the Constitution and laws of the State.

SEC. 2. The object of said Association is to unite the pharmacists and druggists of the State for mutual aid, encouragement and improvement, to encourage scientific research, develop pharmaceutical talent, to elevate the standard of professional thought, and ultimately restrict the practice of pharmacy to properly qualified druggists and apothecaries.

SEC. 3. It shall be unlawful from and after the passage of this act, except as hereinafter provided, for any person, unless a registered pharmacist, within the meaning of this act, to open or conduct any pharmacy or store for retailing, dispensing or compounding medicines or poisons, or for any one not a registered pharmaceutist to prepare a physician's prescription except under the supervision of a registered pharmaceutist, in the State of North Carolina: *Provided*, That nothing herein contained shall prevent the sale of patent or proprietary medicines, quinine, epsom salts, castor oil, essence of peppermint, paregoric, or laudanum in original packages, calomel, camphor or sweet oil.

SEC. 4. Any person, in order to be registered, shall be a graduate of some college in pharmacy, recognized by the North Carolina Board of Pharmacy; or shall, at the passage of this act, have had three years' practical experience in the preparation of physicians' prescriptions, and in compounding and vending medicines and poisons, or shall be a licentiate of pharmacy of the Board of Pharmacy of North Carolina, or one who is or has been a practicing physician as hereinafter provided.

SEC. 5. Pharmacentists claiming the right of registration under this act, on account of practical experience, shall, within ninety days after its passage, show to the satisfaction of the Board of Pharmacy to be created by this act that they have had three (3) years' practical experience in the preparation of physicians' prescriptions, and in compounding and vending medicines and poisons: *Provided*, Nothing in this section shall apply to any person in business on his own account nor to

those who are, have been, or may hereafter be regular practicing physicians. Licentiates in pharmacy must have had three years' experience in stores where prescriptions of medical practitioners have been prepared, and shall have passed an examination before the Board of Pharmacy of this State. The Board of Pharmacy may register, without further examination, the licentiates of such other Boards of Pharmacy as they may deem proper.

SEC. 6. This Association shall elect ten of its members—from whom the Governor selects five—who shall compose the Board of Pharmacy. The Board is empowered to transact all business relating to the legal practice of pharmacy; to examine into and adjudicate upon all cases of abuse, fraud, adulteration, substitution or malpractice, and to enforce all the provisions of the law, and to render an annual account to the proper State authorities and to the Association. Any one examined by the Board shall pay a fee of five dollars. In cases of failure to pass a satisfactory examination he shall be granted a second examination without the payment of a further fee. It shall be the duty of the members of the Board, after receipt of notification of their appointment, to appear before the Clerk of the Superior Court of the county in which they individually reside, and make and subscribe to an oath properly and faithfully to discharge the duties of their office; and within thirty days thereafter meet and organize by the election of a President, Secretary and Treasurer of said Board. The Secretary and Treasurer shall be elected to serve for a term of five years; and the term of office or the other members shall be determined by lot. Vacancies in the Board shall be filled as required in section 12. The Board shall hold meetings at least once annually or oftener, as the business of the Board may require. The Secretary shall give each member of the Board not less than ten days' notice of each meeting. Three members shall constitute a quorum. It shall be the duty of the Board to examine all persons applying for examination in proper form, and to register such as shall establish their rights to registration in accordance with the provisions of this act. The Secretary and Treasurer of said Board shall be a bonded officer, held in bond of one thousand dollars, to be made to the said North Carolina Pharmacentical Association and approved by the Executive Committee of said Association.

SEC. 7. It shall be the duty of the Secretary of the Board of Pharmacy to keep a book of registration at some convenient place, of which due notice shall be given through the public press, in which shall be entered, under the supervision of the Board, the names and places of business of all persons coming under the provisions of this act, and a statement to be signed by the person making the application of such facts in the case as he may claim to justify his application. The fee for registration of proprietors shall not exceed two dollars, and for those in the employ of others shall not exceed one dollar. The Secretary shall give receipts for

all moneys received by him, which moneys shall be used for the purpose of defraying the expenses of the Board of Pharmacy; and any surplus shall be for the benefit of said Association. The salary of the Secretary shall be fixed by this Board, and shall be paid out of the fees for examination and registration. Each member of the Board of Pharmacy shall be paid the sum of five dollars for every day during which he is engaged in the service of the Board, and all necessary expenses incurred in attending the meetings of the same. It shall be the duty of the Board to investigate all complaints of disregard, non-compliance, or violation of the provisions of this act, and to bring the same to the notice of the proper prosecuting officer, whenever there appears to the Board reasonable grounds of complaint. The Board is hereby empowered to make such rules and regulations as it will find necessary for carrying into effect the provisions of this law, not inconsistent with the purpose and spirit of the same.

Sec. 8. Every person, from and after the passage of this act, shall be held responsible for the quality of all drugs, chemicals and medicinces he may sell or dispense, with the exception of those sold in the original packages of the manufacturers, and also those known as "patent medicines"; and should he intentionally adulterate, or cause to be adulterated, or expose to sale, knowing the same to be adulterated, such drugs, chemicals or medical preparations, he shall be guilty of a misdemeanor, and upon conviction thereof be liable to a penalty not exceeding one hundred dollars, and in addition thereto his name shall be stricken from the register. Every registered pharmacist who desires to continue the practice of his profession shall annually thereafter, within thirty days preceding the annual meeting of the Board of Pharmacy, pay to the Secretary of said Board a registration fee of one dollar, for which he shall receive a renewal of said certificate of registration. Any registered pharmacist failing to renew his registration as required by this section, and continuing in the exercise of his profession, shall be guilty of a misdemeanor.

Sec. 9. It shall be unlawful for any person, under a penalty of twenty-five dollars for each and every offense, from and after the passage of this act, except as provided herein, to retail any poison enumerated in Schedules A and B, as follows, to wit:

### Schedule A.

Arsenic and its preparations, corrosive sublimate, white precipitate, red precipitate, bin-iodide of mercury, cyanide of potassium, hydrocyanic acid, strychnine, and essential oil of bitter almonds.

### Schedule B.

Aconite, belladonna, colchicum, conium, nux vomica, henbane, savin, ergot, cotton root, cantharides, creosote, digitalis and their pharmaceuti-

cal preparations, croton oil, chloroform, chloral hydrate, sulphate of zinc, carbolic acid, oxalic acid, opium and its preparations, except paregoric and other preparations of opium containing less than two grains to the ounce, and other poisons, without distinctly labeling the bottle, box, vessel or paper in which said poison is contained with the name of the article, the word "Poison," and a vignette representing a skull and cross-bones, and the name of the place of business of the seller; nor shall it be lawful for any person to sell or deliver any poison enumerated in said Schedules A and B, unless upon due inquiry it is found that the purchaser is aware of its poisonous nature, and represents that it is to be used for a legitimate purpose; nor shall it be lawful for any person to sell any poison included in Schedule A without, before delivering the same to the purchaser, causing an entry to be made in a book kept for that purpose, stating the date of the sale, the name and address of the purchaser, the name and quantity of the poison sold, the purpose for which it is represented by the purchaser to be required, and the name of the dispenser—such book to be always open to proper authorities for inspection. The provisions of this section shall not apply to the dispensing of poisons in usual doses, and by physicians' prescriptions.

Sec. 10. Nothing contained in the foregoing section shall apply to or interfere with the business of any practitioner of medicine who does not keep open shop for retailing of medicines and poisons; nor with the business of wholesale dealers, excepting section 9, and the penalties of its violation.

Sec. 11. Any person who shall permit, by willful neglect, the compounding and dispensing of prescriptions in his store or place of business, by any person or persons not registered, except under the supervision of a registered pharmaceutist, or any person not registered who shall keep open shop for the retailing or dispensing of medicines or poisons, or who shall fraudulently represent himself to be registered, or any registered pharmacist, or any dealer in medicines, who shall fail to comply with the regulations and provisions of this act, in relation to retailing and dispensing of poison, shall, for every such offense, be deemed guilty of a misdemeanor, and upon conviction thereof be liable to a penalty not exceeding twenty-five dollars.

Sec. 12. Immediately on passage of this act the Governor shall appoint five reputable and practicing pharmacists doing business within the State, from ten of said pharmacists recommended to him by the North Carolina Pharmaceutical Association; said pharmacists so appointed shall constitute the Board of Pharmacy of the State of North Carolina, and shall hold office for the term of one, two, three, four and five years respectively, as herein provided, and until their successors have been duly elected and qualified. "The North Carolina Pharmaceutical Association shall annually thereafter elect a pharmacist from their number to fill the vacancy annually occurring in said Board. Said pharmacist so elected shall be

commissioned by the Governor and hold office for the term of five years and until his successor has been duly elected and qualified. In case of death, resignation, or removal from the State of any member of said Board of Pharmacy, the said Board thall elect in his place a pharmacist who is a member of said Association, to serve as a member of the Board for the remainder of the term."

SEC. 13. The penalties prescribed by this act shall be recovered by suits in the name of the people of this State, according to the statutes in such cases provided, to be prosecuted by the proper officers of the counties respectively where the violations of the provisions of this act may be committed.

SEC. 14. Any pharmacist failing to comply with the requirements of sections 5 and 8 within ninety days from and after the passage of this act shall forfeit his right to registration, and shall appear before the Board of Pharmacy for examination, as provided in section 5 of this act.

SEC. 15. All acts or portions of acts conflicting with the provisions of this act are hereby repealed.

SEC. 16. It shall be the duty of the sheriffs of the counties to see that the provisions of this act are enforced.

SEC. 17. This act may for all purposes be quoted under the title of the "Pharmacy Act of 1881."

SEC. 18. This act shall be in force from and after the first day of June next. Ratified this 12th day of March, A. D. 1881.

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NOTE.—The amendments to the above act (which is the act as it appears in The Code, Chapter 34, Vol. II) operate so as to prevent physicians *per se* from acting as pharmacists in towns of more than 800 inhabitants. These amendments are to be found in Chapter 24, Laws of 1891.

## MEMORANDA.

For blank applications for membership write to the Secretary, H. R. Horne, Fayetteville.

In case of the death of a member coming to your notice, advise the Secretary, giving such particulars as may be desirable to publish.

If you find your name omitted or incorrectly spelled, or your address erroneously given, notify the Secretary at once, giving your full name and address.

For information concerning examinations, the State Pharmacy Law and its enforcement and certificates of registration, address William Simpson, Secretary Board of Pharmacy, Raleigh.

Take note of the advertisers, who have liberally responded to requests for advertisements, mentioning the Proceedings in your correspondence with them.

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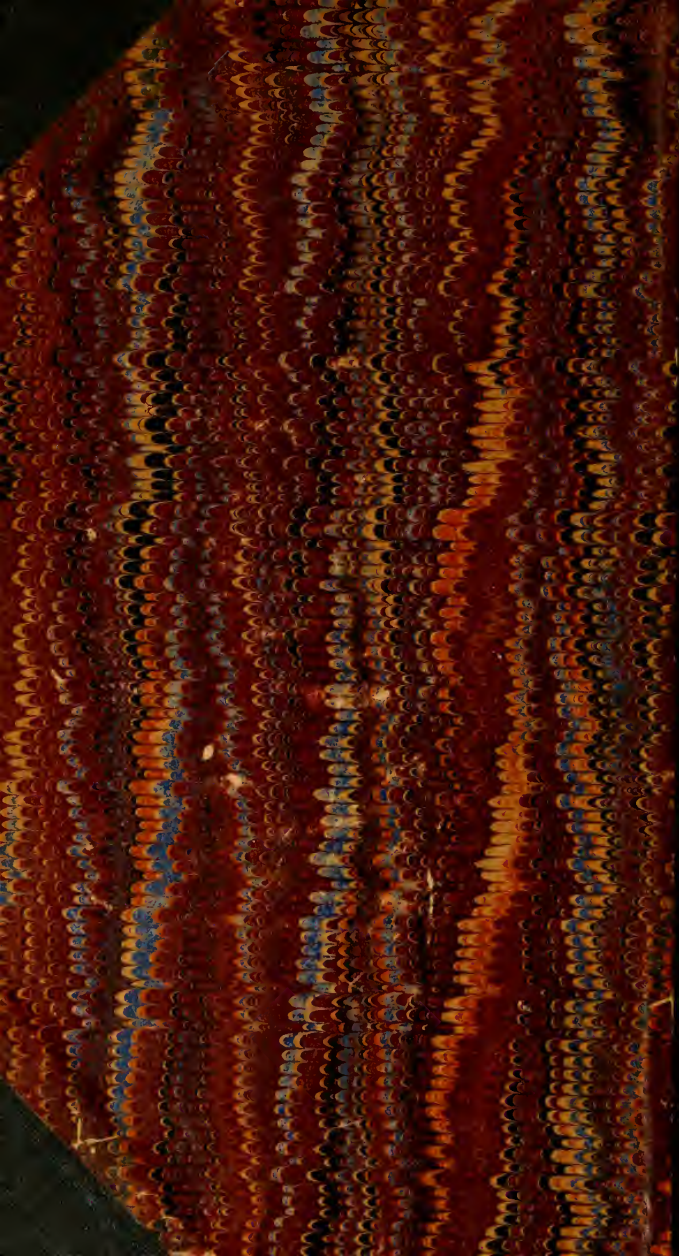
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